WEST Search History

| Hide Items | Restore | Clear | Cancel |

DATE: Wednesday, July 06, 2005

Hide?	Set Name	Query	Hit Count
		DB=USPT; PLUR=YES; OP=OR	
☐	L26	20000101	128
☐	L25	single near10 use$3 near10 lock$5 near10 (data or file$1 or object$1) near10 (use$1 or play$4)	145
☐	L24	single near10 use$3 near10 lock$5 near10 (data or file$1 or object$1) near10 (use$1 or play$4) with (video or movie$1 or music$1)	1
☐	L23	single near10 use$3 near10 (block$4 or lock$5) near10 (data or file$1 or object$1) near10 (use$1 or play$4) with (video or movie$1 or music$1)	14
☐	L22	single near10 use$3 near10 (block$4 or lock$5) near10 (data or file$1 or object$1) near10 (use$1 or play$4)	782
		DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR	
☐	L21	L14 and lock$4 adj file$1 and video	3
☐	L20	L14 and lock$4 adj file$1 with "in use"	0
☐	L19	6898706.pn. and lock$4	1
☐	L18	L17	8
☐	L17	lock near4 file$4 with video	8
☐	L16	L15	5
☐	L15	l14 and single near10 user	5
☐	L14	20000101	180
☐	L13	object with lock$2 with video	238
☐	L12	object with lock$5 with video	312
☐	L11	l9 and "not available"	0
☐	L10	l9 and lock$4	0
☐	L9	L8 and video near10 monitor$4	25
☐	L8	single near10 viewer near10 video near10 program	56
☐	L7	single near10 viewer	2680
☐	L6	l1 and single near5 viewer near6 video	0
☐	L5	single$1view with video adj program with source	0
☐	L4	l2 and single adj viewer	0
☐	L3	l2 and single adj viewer	0
☐	L2	L1 and video adj selection	3
☐	L1	fenwick.in.	495

WEST Search History

| Hide Items | Restore | Clear | Cancel |

DATE: Wednesday, July 06, 2005

Hide?	Set Name	Query	Hit Count
		DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR	
☐	L10	L7 and digital adj object$1	2
☐	L9	L7 and access$4 adj device$1	47
☐	L8	L7 and copy adj right$1	0
☐	L7	meyers.in.	35334
☐	L6	accessable near10 "in use" near10 (file$1 or object$1) with (copy$1right or copy near3 protection)	0
☐	L5	lock$4 near10 (file$1 or object$1) with (copy$1right or copy near3 protection)	3
☐	L4	lock$4 near10 (file$1 or object$1) and (copy$1right or copy near3 protection)	1936
☐	L3	lock$4 adj out adj file$1 and (copy$1right or protection with object$1)	0
☐	L2	lock$4 adj out adj file$1 and (copy$1right or protection with file$1 or video or movie or music)	9
☐	L1	lock$4 adj out adj file$1 and (copy$1right or protection with file$1 or data or video or movie or music)	14

END OF SEARCH HISTORY

```
Set      Items    Description
S1     4811544    USER? ?
S2     3081520    PLAYER? ? OR READER? ? OR LISTENER? ? OR VIEWER? ?
S3      134196    (ONE OR STAG OR SOLO OR SINGLE OR SOLE OR SOLITARY OR SING-
                  ULAR OR LONE OR UNARY OR MONAD? OR MONISTIC? OR UNITARY)(1W)S-
                  1:S2
S4        4209    S1:S2(1N)ALONE
S5      832985    UNACCESSIB? OR NONACCESSIB? OR INACCESSIB? OR 'NOT'(1W)(AC-
                  CESS? OR AVAIL?) OR LOCK OR LOCKS OR LOCKED OR LOCKING
S6      138421    UNAVAIL? OR NONAVAIL? OR INAVAIL?
S7     1642387    (WHILE OR DURING OR BEING OR 'IN' OR WHEN)(2W)(USE OR USED
                  OR USAGE? ? OR USING OR PLAYING OR PLAYED OR PLAYS OR PLAY)
S8     5851678    OBJECT? ? OR VIDEOFILE? OR AUDIOFILE? OR CONTENT? ? OR ECO-
                  NTENT? ? OR MOVIE? OR EBOOK? ? OR BOOK? ? OR CYBERMEDIA?
S9     4794561    MULTIMEDIA? OR POLYMEDIA? OR MEDIA OR MEDIAS OR EMEDIA? ? -
                  OR SOUNDFILE? OR IMAGEFILE? OR MEDIAFILE? OR SONGFILE? OR AVF-
                  ILE?
S10    1372900    AVIFILE? OR MUSICFILE? OR MIXEDMEDIA? OR AV OR AUDIOVISUAL?
                  OR AUDIOVIDEO? OR TUNE OR TUNES OR VIDEOIMAGE? OR JOURNAL?
S11    4155917    EJOURNAL? OR GAME? ? OR VIDEOGAME? OR PERIODICAL? ? OR EPE-
                  RIODICAL? OR MUSICVIDEO? OR SONG? ? OR VIDEO? ? OR COMPUTERGA-
                  ME?
S12    2731070    MUSIC? OR (MPG OR MPEG OR MP3 OR AVI OR DIGITAL OR AUDIO OR
                  SOUND)()FILE? ? OR MOTIONPICTURE? OR MOTION()PICTURE? ? OR F-
                  ILM? ?
S13    4341196    TEXTFILE? OR DOCUMENT? ? OR FILE OR FILES OR DATAFILE? OR -
                  IMAGEFILE? OR IMAGE? ?
S14    3071395    REGISTR? OR REGISTER?
S15       2937    S5:S6(5N)S7
S16      18273    S5:S6(3N)S8:S12
S17      13248    S5:S6(3N)S13
S18        158    S15(10N)S16:S17
S19          9    S18(S)S3:S4
S20         19    S15(S)S3:S4
S21        311    S15(S)S8:S12
S22        207    S15(15N)S8:S12
S23         57    S3:S4(S)S16
S24          6    S21(S)S14
S25         52    S15(10N)S16
S26        286    S19:S20 OR S22:S25
```

```
S27        94    S26/2001:2005
S28       192    S26 NOT S27
S29       129    RD (unique items)
```

29/3,K/17   (Item 7 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

06823713   Supplier Number: 57761459 (USE FORMAT 7 FOR FULLTEXT)
**PowerTier exerts its midtier might: Easy-to-use tools, fast execution
  benefit your e-business.(Persistence Software's PowerTier for Enterprise
  JavaBeans 5.12)(Evaluation)**
Fielden, Tim
InfoWorld, v21, n47, p64
Nov 22, 1999
Language: English   Record Type: Fulltext Abstract
Article Type: Evaluation
Document Type: Magazine/Journal; Trade
Word Count: 1107

ABSTRACT:
...the support of electronic commerce applications. Named mainly for its
capability of keeping frequently used **objects** in memory, as well as its
opportunistic **locking** capabilities on **in - use**   **objects** , PowerTier is
capable of serving **objects** at memory speed instead of disk speed.
Although more expensive, at a cost of $10...
...   Server at www.infoworld.com/printlinks.)
     Named mainly for its capability of keeping frequently used **objects**
in memory, as well as its opportunistic **locking** capabilities on **in - use**
  objects , PowerTier is capable of serving **objects** at memory speed
instead of disk speed.
     PowerTier is considerably more expensive than rival application...

29/3,K/19   (Item 9 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

06636713   Supplier Number: 55756662 (USE FORMAT 7 FOR FULLTEXT)
From the trenches.(web authoring software)(Buyers Guide)
Gunnerson, Gary
PC Week, p61
Sept 13, 1999
Language: English   Record Type: Fulltext
Article Type: Buyers Guide
Document Type: Magazine/Journal; Tabloid; General Trade
Word Count: 568

   (USE FORMAT 7 FOR FULLTEXT)
TEXT:
...a simple problem. All you need is a way to separate Web page design from
 content ; the ability to **lock** files **during**   **use** ; and simple workflow
tools for creating assignments, approving pages and publishing your Web
site. As...

29/3,K/22   (Item 12 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

05902171   Supplier Number: 53115593   (USE FORMAT 7 FOR FULLTEXT)
UltraBac offers easy, reliable backups on a budget.(BEI's UltraBac 5.0
  disaster recovery software)(Software Review)(Evaluation)
Avery, Mike
InfoWorld, p46D(1)
Oct 19, 1998
Language: English   Record Type: Fulltext
Article Type: Evaluation
Document Type: Magazine/Journal; Trade
Word Count: 679

...   wasn't all sunshine and roses, however. During one backup, when I
requested the storage **media** information, UltraBac quickly responded that
the **media** was **in** **use** and **unavailable** . Immediately afterward, I
received a message from Windows' venerable system-debugging tool, called
Dr. Watson...

 29/3,K/35   **(Item 25 from file: 16)**
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

01271126   Supplier Number: 41481151   (USE FORMAT 7 FOR FULLTEXT)
GROUPWARE DEBUTS
Macintosh News, p69
August 6, 1990
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 195

...   by AppleTalk or modems. Aspects mediates between the users
displaying changes in real time and **locking** one **object** to **one**   **user**
for editing.
    Users request access to an Aspects session and, if a seat is
available, join and do their word processing or graphics work as they would
in a **single - user** program. However, when another user edits a paragraph
in the word processor or an object...

...anchor box on that object. Aspects returns the name of the user working
on a **locked**   **object** when the mark is clicked on.
    The reason Group developed its own applications in Aspects...
? t29/3,k/47,49-51,53,64,78

 29/3,K/47   **(Item 11 from file: 47)**
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2005 The Gale group. All rts. reserv.

03864304   SUPPLIER NUMBER: 13419462   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Poet performs on new platforms: 2.0 gains NetWare support; NT on tap. (BKS
  Software Inc.'s Poet object-oriented database)(Brief Article) (Product
  Announcement)
Moser, Karen D.
PC Week, v10, n6, p73(1)
Feb 15, 1993
DOCUMENT TYPE: Product Announcement   ISSN: 0740-1604   LANGUAGE:
  ENGLISH   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 355   LINE COUNT: 00029

...ABSTRACT: Operations, NeXT Computer and SunSoft. Enhancements to Poet
include better transaction support, event handling and **object**   **locking** .

Object locking enables programmers to close out an object to other users on the network while it...

...used without completely closing them out of the database. Poet 2.0 comes in a **single - user** and multiuser configurations. Poet offers source-code and binary level compatibility across all of its...

 29/3,K/49   (Item 13 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)

03321989   SUPPLIER NUMBER: 07591832   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Paradox 3.0. (Software Review) (one of six local area network-based data base management systems evaluations) (evaluation)
.Miller, Catherine D.
PC Magazine, v8, n16, p139(3)
Sept 26, 1989
DOCUMENT TYPE: evaluation   ISSN: 0888-8507   LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1919   LINE COUNT: 00151

...   forms, respectively.
    Paradox automatically (implicitly) locks reports, forms, tables, records, and files when they are **being   used** by a workstation. Implicit **locks** don't restrict the access of the person using the **object** --only the access of other network users. Whenever you perform a database operation, Paradox chooses...

 29/3,K/50   (Item 14 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)

03306375   SUPPLIER NUMBER: 07591824   (USE FORMAT 7 OR 9 FOR FULL TEXT)
dBXL/LAN. (Software Review) (one of six local area network-based data base management systems evaluations) (evaluation)
Campbell, Greg
PC Magazine, v8, n16, p134(5)
Sept 26, 1989
DOCUMENT TYPE: evaluation   ISSN: 0888-8507   LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 5114   LINE COUNT: 00396

...   ns, respectively.
    Paradox automatically (implicitly) locks reports, forms, tables,

records, and files when they are **being   used** by a workstation .Implicit **locks** don't restrict the access of the person using the **object** -only die access of other network users. Whenever you perform a database operation, Paradox chooses...

 29/3,K/51   (Item 15 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)

03227836   SUPPLIER NUMBER: 07118984   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Networks for the '90s: getting down to business. (with related editorial on improving LAN Servers three network schemes.)

Bonner, Paul
PC-Computing, v2, n4, p60(8)
April, 1989
ISSN: 0899-1847   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 4435   LINE COUNT: 00348

...   Even better than record locking, field locking schemes restrict
access only to the particular field **being   used** . With field **locking** ,
if **one   user** was updating Mrs. Smith's address, other users could
simultaneously work with other fields in...

   29/3,K/53   (Item 17 from file: 47)
DIALOG(R)File   47:Gale Group Magazine DB(TM)
(c) 2005 The Gale group. All rts. reserv.

02672122   SUPPLIER NUMBER: 00594883   (USE FORMAT 7 OR 9 FOR FULL TEXT)
The Novell Solution.
Cowart, R.; Rosenthal, S.
PC Magazine, v4, n3, p131
Feb. 5, 1985
DOCUMENT TYPE: evaluation   ISSN: 0888-8507   LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 2477   LINE COUNT: 00194

...   the status of "nonshareable read/write" by default. This means that
only one program and **one   user** can have the file open at a time and read
from or write to that...

...data collision on the disk by warning the second user that the file is
already **in   use** (the implicit **file - locking** procedure). Compatible
with Other Software?
      The issue of which popular applications programs will run properly
...

   29/3,K/64   (Item 9 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

08001851   SUPPLIER NUMBER: 17240474   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Document management software: making order out of chaos. (PC Docs' Docs
   Open for Windows 2.5, SoftSolutions Technology's SoftSolutions 4.0a for
   Windows and Saros' Saros Document Manager 1.5) (includes related articles
   on test results, test methods and a glossary of terms) (Software
   Review) (Evaluation)
Marshall, Patrick; Murdock, Michelle; Sercan, Ayse
InfoWorld, v17, n28, p56(10)
July 10, 1995
DOCUMENT TYPE: Evaluation   ISSN: 0199-6649   LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 13116   LINE COUNT: 01097

...   store documents.
   Document-tracking terms
   Document checkout -- Checking out a document, like checking out a
book from a library, means that the file will be marked as **in   use** ,
usually making it **inaccessible** to other users. Checkout is used to
maintain version control.
   Document history tracking -- Also called...

29/3,K/78   (Item 23 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

04775996   SUPPLIER NUMBER: 08686590   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Group encounters on Mac screen. (Aspects 1.0 from Group Technologies Inc.
   allows document conferencing) (product announcement)**
Norr, Henry
MacWEEK, v4, n26, p1(2)
July 31, 1990
DOCUMENT TYPE: product announcement   ISSN: 0892-8118   LANGUAGE:
   ENGLISH   RECORD TYPE: FULLTEXT
WORD COUNT: 369   LINE COUNT: 00028

...   as well as PICT-format files.
     An object- and paragraph-locking mechanism ensures that only **one**
user at a time can modify the same part of a document at the same time...
? t29/3,k/81-83,96,99,102,105,109-110,112-113,116

29/3,K/81   (Item 26 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

03931285   SUPPLIER NUMBER: 07277696   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Databases: share and share alike. (sharing access)
Rosenthal, Steve
MacWEEK, v3, n20, p32(2)
May 16, 1989
ISSN: 0892-8118   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1298   LINE COUNT: 00100

...   users. Instead, users are prevented from changing any part of a
file that is currently **in   use** (" **file   locking** ") or from changing a
particular record that is **in   use** ("record **locking** "). In most systems,
even when a lock is in effect other users can continue to...

29/3,K/82   (Item 27 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

03913487   SUPPLIER NUMBER: 07529303   (USE FORMAT 7 OR 9 FOR FULL TEXT)
The AppleCD SC CD-ROM drive. (evaluation)
Nordgren, Layne; Kendall, Nancy
CD-ROM Librarian, v4, n4, p20(8)
April, 1989
DOCUMENT TYPE: evaluation   ISSN: 0893-9934   LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 5797   LINE COUNT: 00457

...   When more than one user attempted to access the same application,
we encountered the messag" **File   locked** or **in   use** ." According to
Apple technical support, >;multi-user support is possible only if
applications are designed...

29/3,K/83   (Item 28 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

03724221   SUPPLIER NUMBER: 06753460   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Update on the PC revolution. (personal computer-based CAD-CAM)
Rouse, Nancy E.
Machine Design, v60, n25, p124(5)
Oct 20, 1988
ISSN: 0024-9114   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT
WORD COUNT: 3332   LINE COUNT: 00262

...   by providing a file lock on drawings already in use. This feature
prevent more than **one** authorized **user** from gaining simultaneous access
to a drawing. Although Netware can limit access of files to...

 29/3,K/96   (Item 7 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
,(c) 2005 The Gale Group. All rts. reserv.

02101622   SUPPLIER NUMBER: 19759294   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Nexpo '97, part II: editorial and advertising systems, other products.
   (Industry Trend or Event)
Tribute, Andrew; Edwards, Stephen; Drennan, Bill
Seybold Report on Publishing Systems, v26, p7(25)
August 18, 1997
ISSN: 0736-7260   LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 21657   LINE COUNT: 01677

...   this works is that each object on a page is linked to the database.
When **one**   **user** accesses the page by selecting an object on the page,
that **object** is **locked** to other users, but other ones remain available.
    PageInTools also supports a messaging facility under...

 29/3,K/99   (Item 10 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

01944266   SUPPLIER NUMBER: 18315430   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Object-oriented and object-relational DBMSs.(1996 Database Buyer's Guide
   and Client/Server Sourcebook)(Buyers Guide)
DBMS, v9, n6, p76(2)
June 15, 1996
DOCUMENT TYPE: Buyers Guide   ISSN: 1041-5173   LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 2260   LINE COUNT: 00200

...   a programmable interface to support complex report generation. Can
handle requests from multiple clients and **lock**   **objects** such as records
or fields to prevent other clients from accessing data being updated by
another user. Compatible with AppleTalk networks. **Single - user** version:
$450; network version: $2600. Reader service #631.
    IDB Object Database 2.5 Persistent Data...write translation code of
objects into tables. Database features include object querying, sorting,
indexing, transactions, **object**   **locking** , class versioning, container
classes, and variable-length string and BLOB types, as well as full...

...95, Windows NT, Unix, Macintosh, OS/2, and Novell. Consulting, training,
and technical support available. **Single - user** SDK from $499. Call for
client/server pricing and services. httpy/www.poet.com. Reader...

29/3,K/102   (Item 13 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

01885026   SUPPLIER NUMBER: 17573603   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Enhance your Sybase SQL Server application..(CAST Software Inc's CAST
  Workbench DBMS) (Software Review)(Evaluation)**
Aquino, Alexander A.
Data Based Advisor, v13, n8, p20(2)
Sep, 1995
DOCUMENT TYPE: Evaluation   ISSN: 0740-5200   LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1424   LINE COUNT: 00112

...   depends. CW-Metamodel enables **object   locking** , letting only **one
  user** update an object at any one time, while letting multiple users view
the object. Using...

29/3,K/105   (Item 16 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

01804826   SUPPLIER NUMBER: 17155738   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Object-oriented DBMSs.(1995 Database Buyer's Guide and client/server
  sourcebook)(Buyers Guide)**
DBMS, v8, n6, p70(2)
May 15, 1995
DOCUMENT TYPE: Buyers Guide   ISSN: 1041-5173   LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1728   LINE COUNT: 00156

...   a programmable interface to support complex report generation. Can
handle requests from multiple clients and **lock   objects** such as records
or fields to prevent other clients from accessing data being updated by
another user. Compatible with AppleTalk networks. **Single - user** version:
$450; network version: $2000. Reader service #549.
      IDB Object Database 2.5
      Persistent Data...write translation code of objects into tables.
Database features include object querying, sorting, indexing, transactions,
 object   locking , class versioning, container classes, and
variable-length string and BLOB types. New features include support...

...Workgroups, Windows NT, Novell, OS/2, NextStep, Sun OS, Solaris, SGI,
 HP, AIX, and SCO. **Single - user** version: $299. Reader service #556.
      Raima Object Manager
      Raima Corp., Issaquah, WA
      206-557-0200...

29/3,K/109   (Item 20 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

01693123   SUPPLIER NUMBER: 15359514   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Access account. (Raxco Software Inc's Autostor disk/file management
  software) (Software Review) (includes related article evaluating the
  product) (Evaluation)**

Milton, Richard
DEC User, p39(2)
March, 1994
DOCUMENT TYPE: Evaluation   ISSN: 0263-6530   LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1663   LINE COUNT: 00120

...   unshelving mode to respond in a number of different ways,
depending on whether files are **in**   **use** or **locked** . If you set the
system to Wait mode, the **contents** of the file must be unshelved and the
file reconstituted on disk before you can...

 29/3,K/110   (Item 21 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

01688544   SUPPLIER NUMBER: 15356054   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Object-oriented DBMSs. (1994 Database Buyer's Guide and Client/Server
   Sourcebook) (Buyers Guide)
DBMS, v7, n6, p60(2)
June 15, 1994
DOCUMENT TYPE: Buyers Guide   ISSN: 1041-5173   LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 2268   LINE COUNT: 00201

...   a programmable interface to support complex report generation. Can
handle requests from multiple clients to **lock**   **objects** such as recorder
or fields to prevent other clients from accessing data being updated by
another user. Compatibility with AppleTalk networks. **Single - user**
version: $450. Network version: $2000.
      IDB Object Database Persistent Data Systems Inc., Pittsburgh, PA. 412
...write translation code of objects into tables. Database features include
object querying, sorting, indexing, transactions, **object**   **locking** , class
versioning, containing, classes, and variable-length string and BLOB types.
Source level portable. Supports...

...Windows NT, Novell, OS/2, NeXT, Solaris 2x and 1x, SGI, HP, AIX, and
SCO. **Single - user** version: $99. Client/server version: $1995.
      Raima Object Manager Raima Corp., Issaqua, WA 206-557...

 29/3,K/112   (Item 23 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

01611854   SUPPLIER NUMBER: 13901759   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Object-oriented DBMSs. (database management systems) (1993 Database Buyer's
   Guide Special Issue) (Buyers Guide)
DBMS, v6, n7, p59(2)
June 15, 1993
DOCUMENT TYPE: Buyers Guide   ISSN: 1041-5173   LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 2471   LINE COUNT: 00218

...   programmable interface to support complex report generation. HyBase
can handle requests from multiple clients and **lock** . **objects** such as
records or fields to prevent other clients from accessing data being
updated by another user. Compatible with AppleTalk networks. **Single - user**
 version: $450. Network version: $2,000.

IDB Object Database Persistent Data Systems Inc., Pittsburgh, PA...
oriented, so code is reusable, maintainable, and extendible. The
client/server version of POET includes **object   locking** , nested
transactions, and event-handling features. Event handling, for example,
includes watch and notify facilities...

...application. Supports DOS, Windows, Macintosh, OS/2, Novell, LAN Server,
Windows NT, UNIX, and Next. **Single – user** version: $599. Client/server
version: $2,700.
        Raima Object Manager Raima Corp., Issaqua, WA 206...

 29/3,K/113   (Item 24 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

01600961   SUPPLIER NUMBER: 13914537   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Putting object databases to work. (object-oriented database management
   systems)**
Timo, Michael
UNIX Review, v11, n7, p73(4)
July, 1993
ISSN: 0742-3136   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 2276   LINE COUNT: 00187

...   to this scheme include increased memory in the database server
process and the need to **lock** referenced **objects** to some depth. In a
database in which every object is referencable from all other objects, the
entire database could be locked for a **single   user** .
        A simpler approach that still achieves the same end is an optimistic
scheme that assumes...

 29/3,K/116   (Item 27 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

01536003   SUPPLIER NUMBER: 12647899   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Group editing made easy: a hands-on look at Aspects. (Software Review)
   (Group Technologies' $299 Aspects is an effective tool for collaborative
   writing and editing on networked Macintosh computers, but the limits of
   its word processing and graphics modules do not recommend its use for
   final copies)**
Dyson, Peter E.
Seybold Report on Desktop Publishing, v7, n1, p9(5)
Sept 4, 1992
ISSN: 0889-9762   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT
WORD COUNT: 3657   LINE COUNT: 00280

...   although not in the same place. The system provides paragraph
locking for text documents and **object   locking** for drawings. That is,
only **one   user** can activate his editing cursor in a paragraph at a time.
? t29/3,k/117-118,123

 29/3,K/117   (Item 28 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

01511081   SUPPLIER NUMBER: 11743316   (USE FORMAT 7 OR 9 FOR FULL TEXT)
IRIS hypermedia services. (Brown University's Institute for Research in

Information and Scholarship develops hypermedia graphical user interface)
   (Technical)
Haan, Bernard J.; Kahn, Paul; Riley, Victor A.; Coombs, James H.;
Meyrowitz, Norman K.
Communications of the ACM, v35, n1, p36(16)
Jan, 1992
DOCUMENT TYPE: Technical   ISSN: 0001-0782   LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 8931   LINE COUNT: 00723

   ...   Anchors, and Links
      Intermedia supports multiple users reading and annotating a single
document, and only **one**   **user** writing to a document at a time. While each
user can have only a single...

...and view the same documents, anchors, and links. The first user to edit
the document **content**   **locks** out all other users from editing the content
until the document is closed.
      By annotation...

 29/3,K/118   **(Item 29 from file: 275)**
DIALOG(R)File 275:Gale Group Computer DB(TM)

01484696   SUPPLIER NUMBER: 12143602
The DB2 dilemma: managing locking contention. (includes related article on
  DB2 locking basics, DB2 latches) (Cover Story)
Celko, Joe
Database Programming & Design, v5, n5, p26(9)
May, 1992
DOCUMENT TYPE: Cover Story   ISSN: 0895-4518   LANGUAGE: ENGLISH
RECORD TYPE: ABSTRACT

...ABSTRACT: and through manipulation of the the NUMLKTS parameter, which
specifies how many page locks a **single**   **user** or program can hold on a
single table; the parameter depends on how the DB2 subsystem will be used.
IRLM issues, **object** creation, row-level **locking** , index subpages,
clustering index and other locking concepts are discussed.

 29/3,K/123   **(Item 34 from file: 275)**
DIALOG(R)File 275:Gale Group Computer DB(TM)

01149441   SUPPLIER NUMBER: 00623666
Multi-User Database Managers.
Laurie, P.
Practical Computing, v8, n4, p92-94
April, 1985
ISSN: 0141-5433   LANGUAGE: ENGLISH   RECORD TYPE: ABSTRACT

...ABSTRACT: the data base manager. The problems of the multiuser data
base involve: record contention, or **locking** of fields **being**   **used** by
user A, so that user B cannot alter them; disk buffering with LANS; the
inability of **single - user** operating systems to deal with multiuser
stresses; and the deadly embrace, when users need to...

Set	Items	Description
S1	559321	USER? ?
S2	252525	PLAYER? ? OR READER? ? OR LISTENER? ? OR VIEWER? ?
S3	4514	(ONE OR STAG OR SOLO OR SINGLE OR SOLE OR SOLITARY OR SING-ULAR OR LONE OR UNARY OR MONAD? OR MONISTIC? OR UNITARY)(1W)S-1:S2
S4	95	S1:S2(1N)ALONE
S5	520550	UNACCESSIB? OR NONACCESSIB? OR INACCESSIB? OR 'NOT'(1W)(AC-CESS? OR AVAIL?) OR LOCK OR LOCKS OR LOCKED OR LOCKING
S6	2831	UNAVAIL? OR NONAVAIL? OR INAVAIL?
S7	450592	(WHILE OR DURING OR BEING OR 'IN' OR WHEN)(2W)(USE OR USED OR USAGE? ? OR USING OR PLAYING OR PLAYED OR PLAYS OR PLAY)
S8	1270054	OBJECT? ? OR VIDEOFILE? OR AUDIOFILE? OR CONTENT? ? OR ECO-NTENT? ? OR MOVIE? OR EBOOK? ? OR BOOK? ? OR CYBERMEDIA?
S9	132067	MULTIMEDIA? OR POLYMEDIA? OR MEDIA OR MEDIAS OR EMEDIA? ? - OR SOUNDFILE? OR IMAGEFILE? OR MEDIAFILE? OR SONGFILE? OR AVF-ILE?
S10	83732	AVIFILE? OR MUSICFILE? OR MIXEDMEDIA? OR AV OR AUDIOVISUAL? OR AUDIOVIDEO? OR TUNE OR TUNES OR VIDEOIMAGE? OR JOURNAL?
S11	616696	EJOURNAL? OR GAME? ? OR VIDEOGAME? OR PERIODICAL? ? OR EPE-RIODICAL? OR MUSICVIDEO? OR SONG? ? OR VIDEO? ? OR COMPUTERGA-ME?
S12	1509932	MUSIC? OR (MPG OR MPEG OR MP3 OR AVI OR DIGITAL OR AUDIO OR SOUND)()FILE? ? OR MOTIONPICTURE? OR MOTION()PICTURE? ? OR F-ILM? ?
S13	1447035	TEXTFILE? OR DOCUMENT? ? OR FILE OR FILES OR DATAFILE? OR - IMAGEFILE? OR IMAGE? ?
S14	356761	REGISTR? OR REGISTER?
S15	2811	S5:S6(5N)S7
S16	4003	S5:S6(3N)S8:S12
S17	1119	S5:S6(3N)S13
S18	49	S15 AND S16:S17
S19	0	S15 AND S3:S4
S20	43	S15(5N)S8:S12
S21	3	S3:S4 AND S16
S22	2	S3:S4 AND S17
S23	69	S18:S22
S24	25	S23 AND AC=US/PR
S25	19	S24 AND AY=(1976:2000)/PR
S26	52	S23 AND PY=1976:2000
S27	57	S25:S26
S28	57	IDPAT (sorted in duplicate/non-duplicate order)
S29	57	IDPAT (primary/non-duplicate records only)

29/9/10   (Item 10 from file: 350)
DIALOG(R)File 350:Derwent WPIX

013010088   **Image available**
WPI Acc No: 2000-181940/ **200016**
XRPX Acc No: N00-134305
   Locking **data** **objects** **mechanism for common tool access in application**
  development environment involves guarding against concurrent user
  processes danger making overlapping modifications leaving data incomplete
  or incomprehensible
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: BREALEY C L; JOHNSTON J G; KLICNIK V; LAUZON D M; LOI L T;
    SEELEMANN D A
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 6026401   A   20000215   US 97950116   A   19971014 200016 B

Priority Applications (No Type Date): US 97950116 A 19971014
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
US 6026401   A   17 G06F-017/30

Abstract (Basic): US 6026401 A
        NOVELTY - Provides locking device to guard against concurrent user
    processes danger making overlapping modifications leaving data
    incomplete or incomprehensible by maintaining **lock   objects** in pool
    or repository. Two types of **lock   objects** are given, shareable
    locks , shared by many user processes allowing only read access to
    locked data, and exclusive locks useable by **one   user** process at a
    time and modifiable.
        USE - For **locking** tool data **objects** in a framework environment.

        ADVANTAGE - Provides two types of **lock   objects** , shareable
    locks , permitting only read access to the locked data and exclusive
    locks permitting the owning process to modify the locked data.
        DESCRIPTION OF DRAWING(S) - The drawing shows a schematic drawing
    of the locking mechanism.
        pp; 17 DwgNo 10/12
Title Terms: LOCK; DATA; OBJECT; MECHANISM; COMMON; TOOL; ACCESS; APPLY;
    DEVELOP; ENVIRONMENT; GUARD; CONCURRENT; USER; PROCESS; DANGER; OVERLAP;
    MODIFIED; LEAVE; DATA; INCOMPLETE
Derwent Class: T01
International Patent Class (Main): G06F-017/30
File Segment: EPI
Manual Codes (EPI/S-X): T01-F07; T01-H01C4; T01-J20B1

 29/9/13   (Item 13 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

012276053   **Image available**
WPI Acc No: 1999-082159/ **199908**
XRPX Acc No: N99-076885
   **Data locking mechanism for common tools in application development - has
   lock   objects stored in repository with indicator specifying whether
   they are shared or exclusive to one owning process**
Patent Assignee: IBM CANADA LTD (IBMC); INT BUSINESS MACHINES CORP (IBMC
)
Inventor: BREALEY C L; JOHNSTON J G; KLICNIK V; LAUZON D M; LOI L T;
   SEELEMANN D A
Number of Countries: 004 Number of Patents: 005
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
CN 1195144   A   19981007   CN 98107155   A   19980305 199908 B
CA 2201275   A   19980927   CA 2201275   A   19970327 199910
TW 346604   A   19981201   TW 97113830   A   19970923 199919
KR 98079611   A   19981125   KR 98914   A   19980114 200004
KR 313844   B   20011212   KR 98914   A   19980114 200247

Priority Applications (No Type Date): CA 2201275 A 19970327
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
CN 1195144· A   1 G06F-017/30
CA 2201275   A   333 G06F-009/44
TW 346604   A   G06F-009/06
KR 98079611 A   G06F-017/40
KR 313844   B   G06F-017/40   Previous Publ. patent KR 98079611

Abstract (Basic): CA 2201275 A
        The mechanism includes a repository containing **lock   objects** ,
    each **lock   object** has an indicator to designate its state as
    occupied or free. This indicator is a reserve process identifier that
    flags the owning process.

        Two types of **lock   objects** are provided; shareable **locks** that
    may be shared by many user processes and permit only read access to
    locked data, and exclusive locks, useable by only **one   user** process
    at time, that permit only the owning process to modify locked data.
        USE For application development, e.g. using C++ object orientated
    programming language, when data objects are commonly accessible to many
    users.
        ADVANTAGE Avoids simultaneous modification of data objects by
    concurrent users, so avoiding overlapping modifications and data being
    left in an incomplete or incomprehensible.
        Dwg.1/12
Title Terms: DATA; LOCK; MECHANISM; COMMON; TOOL; APPLY; DEVELOP; LOCK;
  OBJECT; STORAGE; REPOSITORY; INDICATE; SPECIFIED; SHARE; EXCLUDE; ONE;
  ·PROCESS
Derwent Class: T01
International Patent Class (Main): G06F-009/06; G06F-009/44; G06F-017/30;
  G06F-017/40
File Segment: EPI
Manual Codes (EPI/S-X): T01-F06; T01-J20B

  29/9/26   (Item 26 from file: 350)
DIALOG(R)File 350:Derwent WPIX

008873996   **Image available**
WPI Acc No: 1992-001267/ **199201**
XRPX Acc No: N92-001033
  **Document processing for electronic library - prevents access to original
  document remaining in shared library while copying of document is revised**
Patent Assignee: IBM CORP (IBMC); INT BUSINESS MACHINES CORP (IBMC)
Inventor: WANG. D S F; WANG D S
Number of Countries: 004 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 462918	A	19911227	EP 91480084	A	19910522	199201	B
US 5251315	A	19931005	US 90543903	A	19900621	199341	
EP 462918	A3	19930616	EP 91480084	A	19910522	199405	

Priority Applications (No Type Date): US 90543903 A 19900621
Cited Patents: NoSR.Pub; 6.Jnl.Ref
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
EP 462918   A
    Designated States (Regional): DE FR GB
US 5251315   A   9 G06F-015/403

Abstract (Basic): EP 462918 A
    A copy command permits the specification of at least three
different copy options using the same command. The simple copy option
provides for the creation of a new object in a target library using an
existing object in a source library in a single unit of work. The
check-out option allows an object to be checked out of a source library
and copied to a target library. A lock is placed on the object to be
checked out from the source library to prevent changes to it while it
is checked out.
    The check-in option allows an object to be placed in a target
library that had been previously checked out and placed in a source
library. The check-in option also permits the copy of the object
originally placed in the source library to be optionally deleted after
the check-in operation is completed.
    ADVANTAGE - Prevents access to original document remaining in
shared library while copy of document is being revised. (11pp
Dwg.No.2/5)
Abstract (Equivalent): US 5251315 A
    The method involves maintaining the integrity of changes made to a
revisable form document in a shared library. This provided a COPY
command with options for checking out and checking in a revisable form
document to a shared library. The check-out option allows a **single
user** to check out the revisable form document from the shared library
and make a copy thereof in a user's private storage space. A lock is
placed on the revisable form document in the shared library to prevent
changes while it is checked out. Information relating the revisable
form document to the copy is placed in both documents.
    This information is used when the copy, with the user's changes, is
returned to the shared library. Updates are permitted only to the copy
in the private storage space. Once updates are completed the check-in
option is used to return the copy to the shared library. Information
relating the revisable form document to the copy is removed from both
documents and the **lock** is removed from the revisable form document.
The revisable form document will again be made available for check out
by a **single user** . The check-in option also permits the copy placed
in the user's private storage space to be optionally deleted after the
check-in operation is completed.
    USE - In data processing system.
    Dwg.2/5
Title Terms: DOCUMENT; PROCESS; ELECTRONIC; LIBRARY; PREVENT; ACCESS;
  ORIGINAL; DOCUMENT; REMAINING; SHARE; LIBRARY; COPY; DOCUMENT; REVISED
Derwent Class: T01
International Patent Class (Main): G06F-015/403
International Patent Class (Additional): G06F-012/14; G06F-015/20
File Segment: EPI
Manual Codes (EPI/S-X): T01-H01C2; T01-J05B3; T01-J11; T01-M02
? t29/9/51,56

 29/9/51   (Item 51 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

06454318   **Image available**
KARAOKE SING-ALONG MACHINE

PUB. NO.:   2000-039891 [JP 2000039891 A]
PUBLISHED: February 08, 2000 (**20000208)**
INVENTOR(s):   IWASHITA KAZUHIRO
APPLICANT(s): YAMAHA CORP
APPL. NO.:   10-208119 [JP 98208119]

FILED: July 23, 1998 (19980723)
INTL CLASS: G10K-015/04; G06F-001/00

ABSTRACT

PROBLEM TO BE SOLVED: To provide a KARAOKE sing-along machine which is smoothly usable **while** preventing illicit use.

SOLUTION: A playing **lock** setting **file** memory section 105 of a KARAOKE sing-along machine 100 stores the conditions for executing playing lock and the conditions for prolonging a playable state for a short period by restrictively releasing the playing lock. Even if the number of lapse days indicated by a timer 102 attains the playing lock threshold while the maintenance by a system operator is not carried out, the short-term prolonging may be executed in the operation of the KARAOKE sing-along machine 100 and, therefore, the owner of the KARAOKE sing-along machine 100 is able to continua the use in a usual manner. Even the system operator is able to limit the number of days and the number of prolonging times when executing the short-term prolonging and the easy setting of the conditions under which the playing lock occurs is possible and, therefore, the illicit operation, etc., caused by the short-term prolonging may be prevented.

 29/9/56   (Item 56 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

01980448   **Image available**
EXCLUSIVE CONTROL SYSTEM FOR FILE ACCESS

PUB. NO.:   61-194548 [JP 61194548 A]
PUBLISHED: August 28, 1986 (**19860828)**
INVENTOR(s):   SEKI TAKAO
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP
               (Japan)
APPL. NO.:   60-034453 [JP 8534453]
FILED: February 25, 1985 (19850225)
INTL CLASS: [4] G06F-012/00; G06F-015/16
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units); 45.4
               (INFORMATION PROCESSING -- Computer Applications)
JOURNAL: Section: P, Section No. 538, Vol. 11, No. 22, Pg. 24, January
               21, 1987 (19870121)

ABSTRACT
PURPOSE: To facilitate the exclusive control of access by allowing the access to a shared file only **when** the use of **lock   file** is permitted.

CONSTITUTION: A program A maintains a **lock   file** R in a read mode for the time $t(sub\ 0)-t(sub\ 1)$, reads/writes files 1-n, and rewrites the **lock   file** at the time $t(sub\ 1)$ after the final file is updated. During that period, a program B will not receive any read request even if it is issued to any of the files 1-n, maintaining them in a read request wait state. At the time $t(sub\ 2)$ after the program A releases the **lock   file** R, the program B reads the **lock   file** R immediately. Then the program B starts updating the files, reading/writing the file, then file 1, then file 2 and so on. During this period $t(sub\ 2)-t(sub\ 3)$, the program A will be waiting for a read request even if a file read request is issued.
?

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File 348:EUROPEAN PATENTS 1978-2005/Jun W02
        (c) 2005 European Patent Office
File 349:PCT FULLTEXT 1979-2005/UB=20050616,UT=20050609
        (c) 2005 WIPO/Univentio
File 324:German Patents Fulltext 1967-200524
        (c) 2005 Univentio


Set     Items    Description
S1     505060    USER? ?
S2     168096    PLAYER? ? OR READER? ? OR LISTENER? ? OR VIEWER? ?
S3      24671    (ONE OR STAG OR SOLO OR SINGLE OR SOLE OR SOLITARY OR SING-
                 ULAR OR LONE OR UNARY OR MONAD? OR MONISTIC? OR UNITARY)(1W)S-
                 1:S2
S4        695    S1:S2(1N)ALONE
S5     813383    UNACCESSIB? OR NONACCESSIB? OR INACCESSIB? OR 'NOT'(1W)(AC-
                 CESS? OR AVAIL?) OR LOCK OR LOCKS OR LOCKED OR LOCKING
S6      22529    UNAVAIL? OR NONAVAIL? OR INAVAIL?
S7    1053353    (WHILE OR DURING OR BEING OR 'IN' OR WHEN)(2W)(USE OR USED
                 OR USAGE? ? OR USING OR PLAYING OR PLAYED OR PLAYS OR PLAY)
S8    1420998    OBJECT? ? OR VIDEOFILE? OR AUDIOFILE? OR CONTENT? ? OR ECO-
                 NTENT? ? OR MOVIE? OR EBOOK? ? OR BOOK? ? OR CYBERMEDIA?
S9     310707    MULTIMEDIA? OR POLYMEDIA? OR MEDIA OR MEDIAS OR EMEDIA? ? -
                 OR SOUNDFILE? OR IMAGEFILE? OR MEDIAFILE? OR SONGFILE? OR AVF-
                 ILE?
S10    240929    AVIFILE? OR MUSICFILE? OR MIXEDMEDIA? OR AV OR AUDIOVISUAL?
                 OR AUDIOVIDEO? OR TUNE OR TUNES OR VIDEOIMAGE? OR JOURNAL?
S11    232934    EJOURNAL? OR GAME? ? OR VIDEOGAME? OR PERIODICAL? ? OR EPE-
                 RIODICAL? OR MUSICVIDEO? OR SONG? ? OR VIDEO? ? OR COMPUTERGA-
                 ME?
S12    527504    MUSIC? OR (MPG OR MPEG OR MP3 OR AVI OR DIGITAL OR AUDIO OR
                 SOUND)()FILE? ? OR MOTIONPICTURE? OR MOTION()PICTURE? ? OR F-
                 ILM? ?
S13    995864    TEXTFILE? OR DOCUMENT? ? OR FILE OR FILES OR DATAFILE? OR -
                 IMAGEFILE? OR IMAGE? ?
S14    441051    REGISTR? OR REGISTER?
S15      7914    S5:S6(5N)S7
S16     11265    S5:S6(3N)S8:S12
S17      4398    S5:S6(3N)S13
S18       153    S15(10N)S16:S17
S19         2    S18(20N)S3:S4
S20         6    S15(20N)S3:S4
S21         4    S20 NOT S19
S22     20929    S14(3N)(S1:S2 OR SUBSCRIBER? OR MEMBER? ? OR PARTICIPANT?)
S23       197    S15(5N)S8:S12
S24       195    S23 NOT S19-S21
S25       118    S24 AND AC=US/PR
S26       102    S25 AND AY=(1976:2000)/PR
S27       127    S24 AND PY=1976:2000
S28       161    S26:S27
S29        25    S24/TI,AB,CM
S30       141    S28 NOT S29
S31    181980    IC='G06F'
S32        45    S30 AND S31
S33        28    S3:S4(20N)S16
S34        24    S33 NOT (S32 OR S29 OR S19-S21)
S35        18    S34 AND AC=US/PR
S36         9    S35 AND AY=(1976:2000)/PR
S37         9    S34 AND PY=1976:2000
S38        10    S36:S37
S39        24    S3:S4(20N)S17
S40        20    S39 NOT (S32 OR S29 OR S19-S21 OR S34)
```

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S41          5    S18(20N)S14
S42         12    S23(20N)S14
S43          7    S42 NOT S41
?
```

? t21/5,k/2

 21/5,K/2   (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00362867
Relational databases.
Relationale Datenbasis.
Bases de donnees relationnelles.
PATENT ASSIGNEE:
  International Business Machines Corporation, (200120), Old Orchard Road,
    Armonk, N.Y. 10504, (US), (applicant designated states:
    BE;CH;DE;FR;GB;IT;LI;NL;SE)
INVENTOR:
  Chang, Philip Yen-Tang, 6221 Ledge Mountain Drive, Austin Texas 78731,
    (US)
  Coyle, Daniel Jerome, Jr., 2003 Ploverville, Austin Texas 78728, (US)
  Howie, Lauren Denise, 6714 Shiner Street, Austin Texas 78729, (US)
  Lindsay, Bruce Gilbert, 1185 Settle Avenue, San Jose California 95025,
    (US)
LEGAL REPRESENTATIVE:
  Bailey, Geoffrey Alan (27921), IBM United Kingdom Limited Intellectual
    Property Department Hursley Park, Winchester Hampshire SO21 2JN, (GB)
PATENT (CC, No, Kind, Date): EP 336580 A2 891011 (Basic)
                              EP 336580 A3 920902
APPLICATION (CC, No, Date):   EP 89302577 890316;
PRIORITY (CC, No, Date): US 179348 880408
DESIGNATED STATES: BE; CH; DE; FR; GB; IT; LI; NL; SE
INTERNATIONAL PATENT CLASS: G06F-015/40;
CITED REFERENCES (EP A):
  MICROPROCESSING AND MICROPROGRAMMING. vol. 12, no. 2, September 1983,
    AMSTERDAM NL pages 99 - 109; R. HERMIDA ET AL: 'RDBAS: A Relational
    DATABASE System for Non-Experienced Users'
  REVIEW OF SCIENTIFIC INSTRUMENTS. vol. 59, no. 8.II, August 1988, NEW
    YORK US pages 1768 - 1770; R.M. WIELAND ET AL: 'MINGL database system
    for TFTR'

  ELECTRONIC DESIGN. vol. 30, no. 13, June 1982, DENVILLE,NEW JERSEY pages
    89 - 96; K. R. DAY: 'Micro-based DBMS manages even relational data
    bases';

ABSTRACT EP 336580 A2
    A plurality of packed descriptions is provided as a column in a table
  each entry containing data defining attributes associated with a
  different object (such as a table or view defined to the database) and
  all its component objects (such as related columns and indexes).
  Accessing the row corresponding to a particular object returns a
  description of all of the attributes of the object's component objects,
  as well as information describing the object itself. The packed
  description information is redundantly stored conventionally in other
  system catalogs for use IN at IN querying physical definitions of objects
  in a manner consistent with other database products. The database state
  information comprising the packed descriptions is retained in internal
  format whereas the correlative redundant information is in a
  user-readable external format. By denormalising the schema for schema
  data whereby identifying relationships between objects is simplified,
  time required for compilation of statements referencing objects is
  substantially reduced. All information concerning attributes of an object
  specified in statement and its component objects necessary to compile the

statement may thereby be fetched from the packed description field
corresponding to the object in one I/O operation. Objects' descriptions
must otherwise be retrieved from numerous I/Os to separate system
catalogs and rows collectively containing the descriptions.   (see image
in original document)
ABSTRACT WORD COUNT: 217

LEGAL STATUS (Type, Pub Date, Kind, Text):
 Application: 891011 A2 Published application (A1with Search Report
                               ;A2without Search Report)
 Examination: 900425 A2 Date of filing of request for examination:
                               900224
 Change: 910206 A2 Representative (change)
 Search Report: 920902 A3 Separate publication of the European or
                               International search report
 Withdrawal: 950329 A2 Date on which the European patent application
                               was deemed to be withdrawn: 941001
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text   Language   Update   Word Count
     CLAIMS A   (English) EPABF1   958
     SPEC A   (English) EPABF1   6246
Total word count - document A   7204
Total word count - document B   0
Total word count - documents A + B   7204

...SPECIFICATION granting access to increasing larger numbers of users,
  concurrency became a problem, i.e., preventing **one   user** from
  accessing the database who is **locked** out **during   use** by another in
  order to preserve the consistency thereof. While this may not have been
  ...
?

? t32/5,k/2,4,13,17-19,24,28

32/5,K/2   (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

01888484
**Systems and methods.for secure transaction management and electronic rights
    protection**
**Systeme   und   Verfahren   zur   gesicherten   Transaktionsverwaltung und
    elektronischem Rechtsschutz**
**Systemes et procedes de gestion de transactions securisees et de protection
    de droits electroniques**
PATENT ASSIGNEE:
  ELECTRONIC PUBLISHING RESOURCES, INC., (976840), 460 Oakmead Parkway,
    Sunnyvale, CA 94086-4708, (US), (Applicant designated States: all)
INVENTOR:
  Ginter, Karl L., 10404 43rd Avenue, Beltsville, Maryland 20705, (US)
  Shear, Victor H., 5203 Battery Lane, Bethesda, Maryland 20814, (US)
  Spahn, Francis J., 2410 Edwards Avenue, El Cerrito, California 94530,
    (US)
  Van Wie, David M., 1780 East 25th Avenue, Eugene, OR 97403, (US)
LEGAL REPRESENTATIVE:
  Smith, Norman Ian et al (36041), fJ CLEVELAND 40-43 Chancery Lane,
    London WC2A 1JQ, (GB)
PATENT (CC, No, Kind, Date): EP 1526472 A2 050427 (Basic)
APPLICATION (CC, No, Date):   EP 2004078254 960213;
PRIORITY (CC, No, Date): US 388107 950213
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;
  NL; PT; SE
RELATED PARENT NUMBER(S) - PN (AN):
  EP 861461 (EP 96922371)
INTERNATIONAL PATENT CLASS: **G06F-017/60 ; G06F-009/46**

ABSTRACT EP 1526472 A2
    The present invention provides systems and methods for secure
    transaction management and electronic rights protection. Electronic
    appliances such as computers equipped in accordance with the present
    invention help to ensure that information is accessed and used only in
    authorized ways, and maintain the integrity, availability, and/or
    confidentiality of the information. Such electronic appliances provide a
    distributed virtual distribution environment (VDE) that may enforce a
    secure chain of handling and control, for example, to control and/or
    meter or otherwise monitor use of electronically stored or disseminated
    information. Such a virtual distribution environment may be used to
    protect rights of various participants in electronic commerce and other
    electronic or electronic-facilitated transactions. Distributed and other
    operating systems, environments and architectures, such as, for example,
    those using tamper-resistant hardware-based processors, may establish
    security at each node. These techniques may be used to support an
    all-electronic information distribution, for example, the utilizing the
    "electronic higher".
ABSTRACT WORD COUNT: 151
NOTE:
  Figure number on first page: 75

LEGAL STATUS (Type, Pub Date, Kind, Text):
  Application: 050427 A2 Published application without search report
  Examination: 050427 A2 Date of request for examination: 20041130
  Assignee: 050511 A2 Transfer of rights to new applicant: Intertrust

Technologies Corp. (2434320) 460 Oakmead
Parkway Sunnyvale, CA 94086-4708 US
Change: 050601 A2 Inventor information changed: 20050411
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
     CLAIMS A (English) 200517   355
     SPEC A   (English) 200517   167222
Total word count - document A   167577
Total word count - document B   0
Total word count - documents A + B   167577
INTERNATIONAL PATENT CLASS: G06F-017/60 ...

... G06F-009/46

32/5,K/4   (Item 4 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

01303737
METHOD AND APPARATUS FOR PERSISTING OBJECT ORIENTED DATA
VERFAHREN UND VORRICHTUNG UM OBJEKTORIENTIERTE DATEN ZU PERSISTIEREN
PROCEDE   ET   APPAREIL   DESTINES   A   RENDRE   DES   DONNEES   ORIENTEES   OBJET
    REMANENTES
PATENT ASSIGNEE:
  UNISYS CORPORATION, (842794), Township Line and Union Meeting Roads P.O.
    Box 500, Blue Bell, PA 19424-0001, (US), (Proprietor designated states:
    all)
INVENTOR:
  ROFFE, James, 885 96th Avenue North East, Blaine, MN 55434, (US)
  STAFFORD, Edward, 21 Spring Farm Lane, North Oaks, MN 55126, (US)
LEGAL REPRESENTATIVE:
  Modiano, Guido, Dr.-Ing. et al (40786), Modiano, Josif, Pisanty & Staub,
    Baaderstrasse 3, 80469 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 1234229 A2   020828 (Basic)
                              EP 1234229 B1   040331
                              WO 2001037078   010525
APPLICATION (CC, No, Date):   EP 2000977197 001114; WO 2000US31154   001114
PRIORITY (CC, No, Date): US 444484 991119
DESIGNATED STATES (Pub A): AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE; TR; (Pub B): DE; GB
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: G06F-009/00
CITED PATENTS (EP B): EP 803812 A; EP 859317 A; EP 880092 A; WO 98/53619 A;
   US 5819306 A
CITED REFERENCES (EP B):
   "FULLY REPROGRAMMABLE FAULT-TOLERANT FLASH MEMORY SYSTEM" IBM TECHNICAL
   DISCLOSURE BULLETIN, IBM CORP. NEW YORK, US, vol. 38, no. 8, 1 August
   1995 (1995-08-01), pages 83-86, XP000534438 ISSN: 0018-8689;
NOTE:
  No A-document published by EPO
LEGAL STATUS (Type, Pub Date, Kind, Text):
  Application: 010718 A2 International application. (Art. 158(1))
  Application: 010718 A2 International application entering European
                            phase
  Application: 020828 A2 Published application without search report
  Examination: 020828 A2 Date of request for examination: 20020619
  Examination: 021211 A2 Date of dispatch of the first examination
                            report: 20021023
  Grant: 040331 B1 Granted patent

INTERNATIONAL PATENT CLASS: **G06F-009/00**

...SPECIFICATION Count allows for nested locking (e.g. lock, lock, unlock,
unlock). A count > 0 **locks   object** from **being   used** by another
thread (transaction).
    Write **Lock** Count - count of write locks outstanding. Count allows for
nested locking (e.g. lock, lock, unlock, unlock). A count > 0 **locks
object** from **being   used** by another thread (transaction). When this
count is > 0 we will write this object...

 32/5,K/13   (Item 13 from file: 348)

00921498
**Method and apparatus for thread synchronization in object-based systems
Verfahren und Gerat zur Fadensynchronisierung in objektbasierten Systemen
Procede et dispositif pour synchronisation de fils dans des systemes bases
    sur des objets**
PATENT ASSIGNEE:
  SUN MICROSYSTEMS, INC., (1392737), 901 San Antonio Road, MS PAL1-521,
    Palo Alto, California 94043, (US), (Proprietor designated states: all)
INVENTOR:
  Bak, Lars, 3782 Corina Way, Palo Alto, California 94303, (US)
  Lindholm, Timothy G., 623 Middlefield Road, Palo Alto, California 94301,
    (US)
LEGAL REPRESENTATIVE:
  Alton, Andrew (97091), Urquhart-Dykes & Lord Tower House Merrion Way,
    Leeds LS2 8PA, (GB)
PATENT (CC, No, Kind, Date): EP 840215 A1 980506 (Basic)
                              EP 840215 B1 020918
APPLICATION (CC, No, Date):   EP 97308415 971022;
PRIORITY (CC, No, Date): US 743484 961104; US 57050 P 970827
DESIGNATED STATES: DE; FR; IT; NL; SE
INTERNATIONAL PATENT CLASS: **G06F-009/46 ;   G06F-009/44**
CITED PATENTS (EP B): US 5057996 A
CITED REFERENCES (EP B):
  CHEN R C ET AL: "LINKING CONSISTENCY WITH OBJECT/THREAD SEMANTICS: AN
    APPROACH TO ROBUST COMPUTATION" INTERNATIONAL CONFERENCE ON DISTRIBUTED
    COMPUTING SYSTEMS, NEWPORT BEACH, JUNE 5 - 9, 1989, no. 1989, 5 June
    1989, INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, pages 121-128,
    XP000044032;

ABSTRACT EP 840215 A1
    Methods and apparatus which enable threads to lock and to unlock
objects disclosed. According to one aspect of the present invention, a
method for associating an object with a first thread includes obtaining

the contents of the object header field of the object. The contents
obtained from the object header field are then stored into a first
location within a stack which is associated with the first thread. A
reference indicator, which identifies the stack in which the contents
obtained from the object header field are stored, is then stored in the
object header field. In one embodiment, the method further includes
updating a status indicator associated with the object to essentially
show that the reference indicator is stored in the object header field.
ABSTRACT WORD COUNT: 125
NOTE:
    Figure number on first page: 3

LEGAL STATUS (Type, Pub Date, Kind, Text):
 Examination: 010124 A1 Date of dispatch of the first examination
                             report: 20001212
 Application: 980506 A1 Published application (A1with Search Report
                             ;A2without Search Report)
 Oppn None: 030910 B1 No opposition filed: 20030619
 Change: 020515 A1 Legal representative(s) changed 20020326
 Grant: 020918 B1 Granted patent
 Examination: 981223 A1 Date of filing of request for examination:
                             981027
 Change: 990120 A1 Designated Contracting States (change)
 Change: 990414 A1 Designated Contracting States (change)
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
     CLAIMS A   (English) 199819   1412
     CLAIMS B   (English) 200238   1416
     CLAIMS B   (German)   200238   1378
     CLAIMS B   (French)   200238   1548
     SPEC A   (English) 199819   14597
     SPEC B   (English) 200238   14513
Total word count - document A   16012
Total word count - document B   18855
Total word count - documents A + B   34867

INTERNATIONAL PATENT CLASS: G06F-009/46 ...

... G06F-009/44

...SPECIFICATION being associated with a relatively large amount of memory
    except when necessary, e.g., when **object** 204 is **locked** and
    synchronization construct 206a is **in** **use** .
      Since synchronization construct 206a is not inherently associated with
    object 204, when thread 202 attempts...associated with the thread in step
    412 to indicate that the thread already holds the **object** **lock** , and
    that the **object** is **being** **used** by a re-entrant synchronized
    operation. In general, the indicator value may be any suitable...

...SPECIFICATION being associated with a relatively large amount of memory
    except when necessary, e.g., when **object** 204 is **locked** and
    synchronization construct 206a is **in** **use** .
      Since synchronization construct 206a is not inherently associated with
    object 204, when thread 202 attempts...associated with the thread in step
    412 to indicate that the thread already holds the **object** **lock** , and
    that the **object** is **being** **used** by a re-entrant synchronized
    operation. In general, the indicator value may be any suitable...

32/5,K/17   (Item 17 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00471420
Hypermedia link marker abstract and search services.
Hypermediavorrichtung   mit   Verbindungsinformationen,   Fenstern,
    Zusammenfassungen und Suchdiensten.
Agencement hypermedia avec des informations de liaison, fenetres, resumes
    et des services de recherche.
PATENT ASSIGNEE:
  International Business Machines Corporation, (200120), Old Orchard Road,
    Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB;IT)
INVENTOR:
  Bernstein, Keith, 1406 Meridian Pl. N.W., Washington, D.C. 20010, (US)
  Stephens, John Anthony, 20501 Topridge Dr., Boyds, Maryland 20841, (US)
LEGAL REPRESENTATIVE:
  Monig, Anton, Dipl.-Ing. (8591), IBM Deutschland Informationssysteme GmbH
    Patentwesen und Urheberrecht Pascalstrasse 100, W-7000 Stuttgart 80,
    (DE)
PATENT (CC, No, Kind, Date): EP 483577 A2 920506 (Basic)
                              EP 483577 A3 930616
APPLICATION (CC, No, Date):   EP 91117488 911014;
PRIORITY (CC, No, Date): US 606309 901031
DESIGNATED STATES: DE; FR; GB; IT
INTERNATIONAL PATENT CLASS: **G06F-015/40**
CITED PATENTS (EP A): WO 9000776 A; EP 270360 A
CITED REFERENCES (EP A):
  COMMUNICATIONS OF THE ASSOCIATION FOR COMPUTING MACHINERY. vol. 31, no.
    7, July 1988, NEW YORK US pages 856 - 861 B. CAMPBELL, J.M. GOODMAN
    'HAM: A GENERAL PURPOSE HYPERTEXT ABSTRACT MACHINE';

ABSTRACT EP 483577 A2
    A set of hypermedia linking services enable client applications to
  incorporate hypermedia capabilities in an open system architecture. The
  users are provided with a consistent hypermedia interface completely
  managed by the hypermedia services and not by the client application
  itself. The graphical user interface includes methods for menu handling,
  dialog box presentation and pointing device message handling, e.g., mouse
  message handling. Normal hypermedia activities such as object management,
  object creation, object deletion and object modification is provided. In
  addition, an open system searching mechanism is provided to satisfy broad
  non-context requests for information by the user without sacrificing the
  advantages of an open hypermedia environment. (see image in original
  document)
ABSTRACT WORD COUNT: 112
LEGAL STATUS (Type, Pub Date, Kind, Text):
  Application: 920506 A2 Published application (A1with Search Report
                           ;A2without Search Report)
  Examination: 921014 A2 Date of filing of request for examination:
                           920817
  Change: 930407 A2 Representative (change)
  Change: 930512 A2 Representative (change)
  Search Report: 930616 A3 Separate publication of the European or
                           International search report
  Withdrawal: 980304 A2 Date on which the European patent application
                           was withdrawn: 980108
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
    CLAIMS A (English) EPABF1   654

```
       SPEC A    (English) EPABF1    17106
Total word count - document A        17760
Total word count - document B            0
Total word count - documents A + B   17760
```

INTERNATIONAL PATENT CLASS: **G06F-015/40**
...SPECIFICATION or deletes a document, link marker or link. In Figures 28
  and 29, references to **lock** and unlock **when** **used** in the context of
  database lobjects is intended to describe the scope of their
  availability to others. Lock means to obtain...

32/5,K/18   (Item 18 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00471419
Application independent services enabling the incorporation of hypermedia
Anwendungsunabhangige   Dienste   um   die   Aufnahme von Hypermedien zu
    ermoglichen
Des services independants des applications permettant l'incorporation
    d'hypermedia
PATENT ASSIGNEE:
  International Business Machines Corporation, (200120), Old Orchard Road,
    Armonk, N.Y. 10504, (US), (applicant designated states:
    BE;CH;DE;ES;FR;GB;IT;LI;NL;SE)
INVENTOR:
  Bernstein, Keith, 1406 Meridian Pl. N.W., Washington, D.C. 20010, (US)
  Stephens, John Anthony, 20501 Topridge Dr., Boyds, Maryland 20841, (US)
LEGAL REPRESENTATIVE:
  Rach, Werner, Dr. et al (76871), IBM Deutschland Informationssysteme
    GmbH, Patentwesen und Urheberrecht, 70548 Stuttgart, (DE)
PATENT (CC, No, Kind, Date): EP 483576 A2 920506 (Basic)
                              EP 483576 A3 930616
                              EP 483576 B1 980107
APPLICATION (CC, No, Date):   EP 91117487 911014;
PRIORITY (CC, No, Date): US 606320 901031
DESIGNATED STATES: BE; CH; DE; ES; FR; GB; IT; LI; NL; SE
INTERNATIONAL PATENT CLASS: **G06F-017/30**
CITED PATENTS (EP A): WO 9010913 A; WO 9000776 A; EP 344082 A; EP 280582 A

ABSTRACT EP 483576 A2
    A set of hypermedia linking services enable client applications to
  incorporate hypermedia capabilities in an open system architecture. The
  users are provided with a consistent hypermedia interface completely
  managed by the hypermedia services and not by the client application
  itself. The graphical user interface includes methods for menu handling,
  dialog box presentation and pointing device message handling, e.g., mouse
  message handling. Normal hypermedia activities such as object management,
  object creation, object deletion and object modification is provided.
  (see image in original document)
ABSTRACT WORD COUNT: 84

LEGAL STATUS (Type, Pub Date, Kind, Text):
  Lapse: 020619 B1 Date of lapse of European Patent in a
                            contracting state (Country, date): BE
                            19980107, CH 19980107, LI 19980107, DE
                            19980408, ES 19980107, FR 19980605, IT
                            19980107, SE 19980407,
  Application: 920506 A2 Published application (A1with Search Report
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                              ;A2without Search Report)
Lapse:            030212 B1 Date of lapse of European Patent in a
                           contracting state (Country, date):   BE
                           19980107, CH 19980107, LI 19980107, DE
                           19980408, ES 19980107, FR 19980605, IT
                           19980107, NL 19980107, SE 19980407,
Examination:      921014 A2 Date of filing of request for examination:
                           920817
Change:           930407 A2 Representative (change)
Change:           930512 A2 Representative (change)
Search Report:    930616 A3 Separate publication of the European or
                           International search report
Examination:      960117 A2 Date of despatch of first examination report:
                           951201
Change:           970507 A2 Representative (change)
Grant:            980107 B1 Granted patent
Lapse:            981007 B1 Date of lapse of the European patent in a
                           Contracting State: DE 980408
Lapse:            981021 B1 Date of lapse of the European patent in a
                           Contracting State: DE 980408, SE 980407
Lapse:            981028 B1 Date of lapse of the European patent in a
                           Contracting State: DE 980408, FR 980605, SE
                           980407
Lapse:            981202 B1 Date of lapse of the European patent in a
                           Contracting State: BE 980107, DE 980408, FR
                           980605, SE 980407
*Lapse:           981209 B1 Date of lapse of the European patent in a
                           contracting state (rule 92(1)(p)) (change): BE
                           980107, CH 980107, LI 980107, DE 980408, FR
                           980605, SE 980407
*Lapse:           981209 B1 Date of lapse of the European patent in a
                           contracting state (rule 92(1)(p)) (change): BE
                           980107, CH 980107, LI 980107, DE 980408, FR
                           980605, SE 980407
Oppn None:        981230 B1 No opposition filed
Lapse:            991020 B1 Date of lapse of European Patent in a
                           contracting state (Country, date):   BE
                           19980107, CH 19980107, LI 19980107, DE
                           19980408, FR 19980605, IT 19980107, SE
                           19980407,
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text  Language    Update     Word Count
     CLAIMS B   (English)   9802          3485
     CLAIMS B   (German)    9802          3586
     CLAIMS B   (French)    9802          3849
     SPEC B     (English)   9802         15555
Total word count - document A                0
Total word count - document B            26475
Total word count - documents A + B       26475

INTERNATIONAL PATENT CLASS:   G06F-017/30

...SPECIFICATION or deletes a document, link marker or link. In Figures 28
   and 29, references to lock and unlock when  used  in the context of
   database objects  is intended to describe the scope of their
   availability to others. Lock means to obtain...


   32/5,K/19       (Item 19 from file: 348)
   DIALOG(R)File 348:EUROPEAN PATENTS
```

00404310
High concurrency manager of open files.
Hochparallelverwalter von offenen Dateien.
Gestionnaire hautement parallele de fichiers ouverts.
PATENT ASSIGNEE:
 International Business Machines Corporation, (200120), Old Orchard Road,
   Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB)
INVENTOR:
 Nordstrom, Michael Lawrence, 715 Sixth Street S.W., Oronoco, Minnesota
   55960, (US)
 Ricard, Gary Ross, 607 Tenth Street S.E., Rochester, Minnesota 55904,
   (US)
 Vriezen, John Joseph, 330 Warren Avenue, Zumbrota, Minnesota 55992, (US)
 Welsh, David Rolland, 1112 Second Street S.E., Rochester, Minnesota 55904
   , (US)
 Youngren, Larry William, 1505 41st Street, N.W. Apt 18-F, Rochester,
   Minnesota 55901, (US)
LEGAL REPRESENTATIVE:
 de Pena, Alain et al (15151), Compagnie IBM France Departement de
   Propriete Intellectuelle, F-06610 La Gaude, (FR)
PATENT (CC, No, Kind, Date): EP 394173 A2 901024 (Basic)
                             EP 394173 A3 931027
APPLICATION (CC, No, Date): EP 90480060 900410;
PRIORITY (CC, No, Date): US 339286 890417
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: **G06F-015/40 ; G06F-009/46 ; G06F-015/411**
CITED PATENTS (EP A): EP 72413 A
CITED REFERENCES (EP A):
 ANDREW S. TANENBAUM 'Operating Systems' 1987 , PRENTICE HALL , ENGLEWOOD
   CLIFFS, US
 ACM TRANSACTIONS ON DATABASE SYSTEMS vol. 12, no. 2, June 1987, NEW YORK
   US pages 195 - 217 CARLA SCHLATTER ELLIS 'Concurrency in linear
   hashing'
 IBM TECHNICAL DISCLOSURE BULLETIN. vol. 30, no. 5, October 1987, NEW YORK
   US pages 348 - 350 , XP39758 'Fast method for simultaneous exclusive
   table modifications';

ABSTRACT EP 394173 A2
    An in use table manager (30) in a computer system uses an in use table
(34) to track the use of files, or objects (12, 14). The in use table is
used to determine which objects may need recovery in the event of a
system failure. Object addresses are hashed by the in use manager to
identify a preferred slot (34) in the table. The slots contain
information identifying the object, and indicating the extent of use of
the object. The in use manager assigns alternate slots, and dynamically
changes the size of the in use table to reduce contention for slots.
Several atomic operations on the table ensure integrity of the table,
while permitting concurrent use. Portions of the table are bundled into
single I/O operations to enhance system performance by minimizing I/O
(see image in original document)
ABSTRACT WORD COUNT: 143

LEGAL STATUS (Type, Pub Date, Kind, Text):
 Application: 901024 A2 Published application (A1with Search Report
                           ;A2without Search Report)
 Examination: 910206 A2 Date of filing of request for examination:
                           901213
 Change: 930804 A2 Obligatory supplementary classification
                           (change)

Search Report: 931027 A3 Separate publication of the European or
                            International search report
Change: 960124 A2 Representative (change)
Withdrawal: 970502 A2 Date on which the European patent application
                            was deemed to be withdrawn: 961101
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language Update   Word Count
     CLAIMS A (English) EPABF1   733
     SPEC A   (English) EPABF1   8123
Total word count - document A   8856
Total word count - document B   0
Total word count - documents A + B   8856

INTERNATIONAL PATENT CLASS: G06F-015/40 ...

... G06F-009/46 ...

... G06F-015/411

...SPECIFICATION table. This slot serves as a preferred synchronization
  point. Further activity related to changing the **in   use** status will
  lock this slot prior to performing **in   use** operations on the **object**

   As with other common hashes, several virtual addresses map into a
  single slot address. The...

 32/5,K/24   (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00880924   **Image available**
PORTABLE OPERATING ENVIRONMENT FOR INFORMATION DEVICES
ENVIRONNEMENT D'EXPLOITATION TRANSFERABLE POUR DISPOSITIFS D'INFORMATIONS
Patent Applicant/Assignee:
  TRANSVIRTUAL TECHNOLOGIES INC, 188 The Embarcadero, San Francisco, CA
     94105, US, US (Residence), US (Nationality)
Inventor(s):
  WILKINSON Tim, 1125 Oxford Street, Berkeley, CA 94707, US,
  MEHLITZ Peter, 1725 Arlinton Blvd., El Cerrito, CA 94530, US,
  FADER Tony, 524 - 37th Avenue, Santa Cruz, CA 95062, US,
Legal Representative:
  SMITH Andrew V (agent), Sierra Patent Group, Ltd., P.O. Box 6149,
     Stateline, NV 89449, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200215004 A2-A3 20020221 (WO 0215004)
  Application: WO 2001US25632 20010814   (PCT/WO US01025632)
  Priority Application: US 2000225569 20000814
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
  EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
  LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL
  TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-009/455**
International Patent Class: **G06F-009/44** ; G06K-009/62
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 19152

English Abstract
  A client software program for use on an embedded computing device
  includes an operating system layer including an abstraction layer, a
  programming environment, and an application framework including a package
  manager. The client is configured to interface with a client support
  server including a package repository, for receiving package data for
  running a software package on the embedded computing device. A graphics
  driver includes a shape function layer and a framebuffer access macro
  layer. When the first drawing surface is rendered as partially
  overlapping the second drawing surface, a visible portion of the second
  drawing surface is computed as a set of retangular clip segments. User
  interface component data and data used to factorize the way it is
  rendered are logically seperated.

French Abstract
  L'invention concerne un programme logiciel client utilise sur un
  dispositif de calcul integre. Ce programme logiciel comprend une couche
  de systeme d'exploitation comportant une couche d'abstraction, un
  environnement de programmation et un cadre d'applications dote d'un
  gestionnaire de progiciel. Le client est concu pour faire interface avec
  un serveur de support client comprenant un systeme d'archivage de
  progiciel destine a recevoir des donnees de progiciel en vue d'executer
  un progiciel sur le dispositif de calcul integre. Un pilote graphique
  comprend une couche de fonction de forme ainsi qu'une couche macro
  d'acces a la memoire d'image. Lorsque la premiere surface de dessin
  rendue chevauche partiellement la seconde surface de dessin, une partie
  visible de la seconde surface de dessin est calculee sous la forme d'un
  ensemble de segments rectangulaires de decoupage. Des donnees de
  composante d'interface utilisateur et des donnees de factorisation de
  rendu sont separees par voie logique. Un algorithme logiciel de
  reconnaissance d'ecriture comprend un module de codage destine a coder
  des segments de caractere entres dans un dispositif d'entree en tant que
  valeurs entieres, ainsi qu'un module de reconnaissance de caracteres
  permettant de reconnaitre des caracteres en tant qu'unites entieres. Un
  programme de verrouillage de contention est concu pour effectuer un
  verrouillage leger d'un objet initialement non verrouille lorsqu'une
  premiere unite d'execution tente de verrouiller ledit objet, et pour
  maintenir le verrouillage leger de cet objet quand la premiere unite
  d'execution tente d'operer un verrouillage intra-unite d'execution
  imbrique.

Legal Status (Type, Date, Text)
Publication   20020221 A2 Without international search report and to be
                         republished upon receipt of that report.
Examination   20021017 Request for preliminary examination prior to end of
                         19th month from priority date
Search Rpt   20040401 Late publication of international search report
Republication 20040401 A3 With international search report.
Republication 20040401 A3 Before the expiration of the time limit for
                         amending the claims and to be republished in the
                         event of the receipt of amendments.

Main International Patent Class: **G06F-009/455**
International Patent Class: **G06F-009/44** ...
Fulltext Availability:
  Detailed Description

Detailed Description
... allowing just a single thread at a time to execute the instructions),
  and using efficient **object   locks** . Depending on the thread model **in
  use** , checking, and updating **object   locks** can be very expensive,
  since these operations involve atomic instruction sequences which might
  be implemented...

 32/5,K/28   **(Item 7 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
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00804445   **Image available**
METHOD AND APPARATUS FOR PERSISTING OBJECT ORIENTED DATA
**PROCEDE   ET   APPAREIL. DESTINES   A   RENDRE   DES   DONNEES   ORIENTEES   OBJET
    REMANENTES**
Patent Applicant/Assignee:
  UNISYS CORPORATION, Township Line and Union Meeting Roads, P.O. Box 500,
    Blue Bell, PA 19424-0001, US, US (Residence), US (Nationality)
Inventor(s):
  ROFFE James, 885 96th Avenue North East, Blaine, MN 55434, US,
  STAFFORD Edward, 21 Spring Farm Lane, North Oaks, MN 55126, US,
Legal Representative:
  STARR Mark T (et al) (agent), Unisys Corporation, Township Line and Union
    Meeting Roads, P.O. Box 500, Blue Bell, PA 19424-0001, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200137078 A2-A3 20010525 (WO 0137078)
  Application: WO 2000US31154 20001114   (PCT/WO US0031154)
  Priority Application: US 99444484 19991119
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  BR JP KR
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
Main International Patent Class: **G06F-009/44**
International Patent Class: **G06F-011/20**
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 5606

English Abstract
  A method and apparatus for persisting object oriented data are provided
  in various embodiments. Persistent storage is established for a working
  data set and a committed data set. The areas for the working and
  committed data sets are used for storage of the persistent data objects.
  After a persistent data object is updated in computer memory, the updated
  version is written to the working data set. Then, references to the
  working data set and the committed data set are switched, whereby the
  working data set becomes the committed data set and the committed data
  set becomes the working data set.

French Abstract

L'invention concerne un procede et un appareil permettant de rendre des donnees orientees objet remanentes, et faisant l'objet de divers modes de realisation. Le stockage persistant est etabli pour un ensemble de donnees de travail et un ensemble de donnees validees. Les zones destinees aux ensembles de donnees de travail et de donnees validees sont utilisees pour le stockage des objets-donnees remanents. Apres la mise a jour d'un objet-donnees dans la memoire de l'ordinateur, la version mise a jour est ecrite dans l'ensemble de donnees de travail. Ensuite, les references a l'ensemble de donnees de travail et a l'ensemble de donnees validees sont interchangees, l'ensemble de donnees de travail devenant l'ensemble de donnees validees et l'ensemble de donnees validees devenant l'ensemble de donnees de travail.

Legal Status (Type, Date, Text)
Publication   20010525 A2 Without international search report and to be
                          republished upon receipt of that report.
Examination   20011004 Request for preliminary examination prior to end of
                          19th month from priority date
Search Rpt   20020510 Late publication of international search report
Republication 20020510 A3 With international search report.

Main International Patent Class: **G06F-009/44**
International Patent Class: **G06F-011/20**
Fulltext Availability:
  Detailed Description

Detailed Description
... Lock Count allows for nested locking (e.g. lock, lock,
   unlock, unlock). A count > 0 **locks   object** from **being   used**
   by another thread (transaction).

   Write **Lock** Count - count of write locks outstanding.

   Count allows for nested locking (e.g. lock, lock, unlock,
   unlock). A count > 0 **locks   object** from **being   used** by
   another thread (transaction). When this count is > 0 we
   will write this object (call...
? t32/5,k/41

 32/5,K/41   (Item 20 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00413451   **Image available**
**METHOD AND APPARATUS FOR COORDINATION OF A SHARED OBJECT IN A DISTRIBUTED
     SYSTEM**
**PROCEDE ET APPAREIL DE COORDINATION DES ACCES A UN OBJET PARTAGE DANS UN
     SYSTEME REPARTI**
Patent Applicant/Assignee:
  CABLETRON SYSTEMS INC,
Inventor(s):
  JEFFORDS Jason,
  CROWLEY Todd A,
  SEXTON Donald,
  HAZEL Thomas,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9803912 A1 **19980129**
  Application: WO 97US12664 19970718   (PCT/WO US9712664)
  Priority Application: US 96681040 19960722
Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
   AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU
   IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL
   PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH KE LS MW SD
   SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT
   LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Main International Patent Class: **G06F-009/46**
Publication Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 6592

English Abstract
  Method and apparatus for coordinating access to a shared object amongst
  a plurality of processes in a distributed system. One process is
  identified as a lock owner process controlling a lock associated with the
  shared object. When a process needs to access the shared object, it
  requests control of the lock from the lock owner process. When no other
  process controls the lock, the lock owner process grants control to the
  requesting process. When another process controls the lock, the lock
  owner process places the requesting process in a queue and waits for the
  lock to become available. All accesses to the shared object are processed
  through the lock owner processes thus assuring coordination and
  synchronization among the processes.

French Abstract
  Cette invention se rapporte a un procede et a un appareil concus pour
  coordonner les acces a un objet partage par une pluralite de processus au
  sein d'un systeme reparti. Un processus est identifie comme un processus
  proprietaire d'un jeton de verrouillage lorsqu'il a la maitrise d'un
  jeton de verrouillage associe a l'objet partage. Lorsqu'un processus a
  besoin d'acceder a l'objet partage, il demande au processus proprietaire
  du jeton de verrouillage de lui accorder la commande du jeton de
  verrouillage. Si aucun autre processus ne commande le jeton de
  verrouillage, le processus proprietaire du jeton de verrouillage accorde
  la commande du jeton de verrouillage au processus demandeur. Si par
  contre un autre processus commande le jeton de verrouillage, le processus
  proprietaire du jeton de verrouillage place le processus demandeur dans
  une file d'attente et attend que le jeton de verrouillage soit
  disponible. Tous les acces a l'objet partage sont geres par le processus
  proprietaire du jeton de verrouillage, ce qui assure la coordination et
  la synchronisation des acces par les multiples processus.

Patent and Priority Information (Country, Number, Date):
  Patent: ... **19980129**
Main International Patent Class: **G06F-009/46**
Fulltext Availability:
  Detailed Description
Publication Year: **1998**

Detailed Description
... does have control of the lock, the lock owner process determines
  whether or not the **object** is **in** **use** in step 528. If the **lock**
  owner process is **in** **use** the **object** control passes to step 517 to
  wait for the lock to be released. Otherwise, in...
?

38/5,K/1   (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

01001646
Workflow management system
Arbeitsflussverwaltungssystem
Systeme de gestion de flux de travail
PATENT ASSIGNEE:
  Fujitsu Services Limited, (233335), 26 Finsbury Square, London, EC2A 1SL,
    (GB), (Proprietor designated states: all)
INVENTOR:
  Parker, Jeffrey Martin, Riber Lodge, Coton Rise, Barlaston, Staffordshire
    , (GB)
  Westmacott, Peter, 93 Park Lane, Sandbach, Cheshire CW11 1EJ, (GB)
LEGAL REPRESENTATIVE:
  Guyatt, Derek Charles et al (31325), Fujitsu Services Limited Observatory
    House Windsor Road, Slough Berkshire SL1 2EY, (GB)
PATENT (CC, No, Kind, Date):   EP 903678   A2   990324 (Basic)
                               EP 903678   A3   000614
                               EP 903678   B1   030326
APPLICATION (CC, No, Date):   EP 98117821 980919;
PRIORITY (CC, No, Date): GB 9720166 970923
DESIGNATED STATES: DE; FR; GB
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: G06F-017/60
CITED PATENTS (EP B): WO 94/29804 A
CITED REFERENCES (EP B):
  SARIN S K: "Object-oriented workflow technology in InConcert" DIGEST OF
    PAPERS OF THE COMPUTER SOCIETY COMPUTER CONFERENCE COMPCON,US,LOS
    ALAMITOS, IEEE COMP. SOC. PRESS, vol. CONF. 41, 1996, pages
    446-450-450, XP002126042 ISBN: 0-8186-7414-8
  MARSHAK R T: "IBM'S FLOWMARK OBJECT-ORIENTED WORKFLOW FOR
    MISSION-CRITICAL APPLICATIONS" WORKGROUP COMPUTING REPORT,XX,XX, vol.
    17, no. 5, 1 May 1994 (1994-05-01), pages 3-13, XP000568699 ISSN:
    1057-8889
  GREENWOOD R M ET AL: "THE USE OF A PERSISTENT LANGUAGE IN THE
    IMPLEMENTATION OF A PROCESS SUPPORT SYSTEM" ICL TECHNICAL
    JOURNAL,GB,PETER PERGRINUS LTD. HITCHIN, vol. 8, no. 1, 1 May 1992
    (1992-05-01), pages 108-129, XP000300983;

ABSTRACT EP 903678 A2
    A workflow management system consists of a number of work pool objects,
  holding work items waiting to be processed, and a number of work pool
  user objects, for processing work items from the work pool objects in
  accordance with rules stored in the individual work pool user objects.
  Each of the work pool objects has the capability of managing its own work
  pool user objects, and has a number of work pool viewer objects
  associated with it, for allowing respective users to view and select the
  work items held by that work pool object. When a work item is selected by
  a user, the work pool viewer object informs the associated work pool
  object, which then sends a copy of the selected work item to the
  appropriate work pool user object. A system administrator object allowing
  a user to modify the business rules in any selected work pool user object
  dynamically, while the system is running.
ABSTRACT WORD COUNT: 157
NOTE:
  Figure number on first page: 2

LEGAL STATUS (Type, Pub Date, Kind, Text):
  Search Report: 000614 A3 Separate publication of the search report
  Application: 990324 A2 Published application (A1with Search Report
                              ;A2without Search Report)
  Oppn None: 040317 B1 No opposition filed: 20031230
  Assignee: 020731 A2 Transfer of rights to new applicant: Fujitsu
                              Services Limited (233335) 26 Finsbury Square
                              London, EC2A 1SL GB
  Examination: 020116 A2 Date of dispatch of the first examination
                              report: 20011203
  Examination: 001220 A2 Date of request for examination: 20001020
  Change: 020515 A2 Legal representative(s) changed 20020325
  Grant: 030326 B1 Granted patent
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text   Language   Update   Word Count
     CLAIMS A   (English)   199911   422
     CLAIMS B   (English)   200313   295
     CLAIMS B   (German)   200313   281
     CLAIMS B   (French)   200313   366
     SPEC A   (English)   199911   2982
     SPEC B   (English)   200313   3015
Total word count - document A   3405
Total word count - document B   3957
Total word count - documents A + B   7362

...SPECIFICATION links in the corresponding item records. The ObjectManager
   role also provides a locking mechanism for **locking** the business
   objects , so as to allow only **one**   **user** at a time to update a given
   object.
      The WorkPool roles 23 are responsible for...

...SPECIFICATION links in the corresponding item records. The ObjectManager
   role also provides a locking mechanism for **locking** the business
   objects , so as to allow only **one**   **user** at a time to update a given
   object.
      The WorkPool roles 23 are responsible for...

 38/5,K/2   **(Item 2 from file: 348)**
DIALOG(R)File 348:EUROPEAN PATENTS
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00448311
VIDEO SELECTION AND DISTRIBUTION SYSTEM
VIDEO-AUSWAHL UND VERTEILUNGSSYSTEM
SYSTEME DE SELECTION DE PROGRAMMES VIDEO ET SYSTEME DE DISTRIBUTION
PATENT ASSIGNEE:
  ON COMMAND VIDEO CORPORATION, (1306210), 3301 Olcott Street,, Santa
     Clara, CA 95054, (US), (applicant designated states:
     AT;BE;CH;DE;DK;ES;FR;GB;IT;LI;LU;NL;SE)
INVENTOR:
  FENWICK, Robert, B., 28011 Elena Road, Los Altos Hills, CA 94022, (US)
  PEDEN, Larry, L., 18130 Constitution Avenue, Monte Sereno, CA 95030, (US)
  SNYDER, Robert, 12940 Brandywine Drive, Saratoga, CA 95070, (US)
  MAC MAINS, John, W., 19459 Burgundy Way, Saratoga, CA 95070, (US)
  GILE, Jeffrey, R., 220 Firestone Drive, Roseville, CA 95670, (US)
LEGAL REPRESENTATIVE:
  Cross, Rupert Edward Blount et al (42891), BOULT, WADE & TENNANT 27
     Furnival Street, London EC4A 1PQ, (GB)
PATENT (CC, No, Kind, Date): EP 471025 A1 920219 (Basic)

```
                         EP 471025  A1  920930
                         EP 471025  B1  960228
                         WO 9013972  901115
APPLICATION (CC, No, Date):   EP 90908068 900419;  WO 90US2020  900419
PRIORITY (CC, No, Date): US 346778 890503
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; IT; LI; LU; NL; SE
INTERNATIONAL PATENT CLASS: H04N-007/173;
CITED PATENTS (EP A): US 4381522 A; US 4450477 A; US 4506387 A; US 4573072
  A; EP 279608 A
CITED PATENTS (WO A): US 4381522 A; US 4450477 A; US 4506387 A
CITED REFERENCES (EP A):
  INTERNATIONAL CONFERENCE ON COMMUNICATIONS '86 vol. 3, June 1986,
    TORONTO, CANADA pages 1735 - 1739; JUDICE ET AL.: 'VIDEO ON DEMAND : A
    WIDEBAND SERVICE OR MYTH ?';
NOTE:
  No A-document published by EPO
LEGAL STATUS (Type, Pub Date, Kind, Text):
  Revocation:        011031 B1 Date of Revocation of European Patent: 20001229
  Application:       920219 A1 Published application (A1with Search Report
                              ;A2without Search Report)
  Examination:       920219 A1 Date of filing of request for examination:
                              910914
  Change:            920304 A1 Inventor (change)
  Search Report:     920930 A1 Drawing up of a supplementary European search
                              report: 920807
  Examination:       941026 A1 Date of despatch of first examination report:
                              940912
  Grant:             960228 B1 Granted patent
 *Assignee:          960410 B1 Proprietor of the patent (name, address)
                              (change)
 *Assignee:          960821 B1 Proprietor of the patent (transfer of rights):
                              ON COMMAND VIDEO CORPORATION (a Delaware
                              Corporation) (2145780) 3301 Olcott Street Santa
                              Clara, CA 95054 (US) (applicant designated
                              states: AT;BE;CH;DE;DK;ES;FR;GB;IT;LI;LU;NL;SE)
 *Assignee:          960821 B1 Previous applicant in case of transfer of
                              rights (change): ON COMMAND VIDEO CORPORATION
                              (a California Corporation) (1306210) 3301
                              Olcott Street, Santa Clara, CA 95054 (US)
                              (applicant designated states:
                              AT;BE;CH;DE;DK;ES;FR;GB;IT;LI;LU;NL;SE)
  Oppn:              970122 B1 Opposition 01/961127 LodgeNet Entertainment
                              Corporation; 808 North West Avenue, Sioux
                              Falls; South Dakota 57104; (US)
                              (Representative:)Fry, Alan Valentine; FRY HEATH
                              & SPENCE The Old College 53 High Street; Horley
                              Surrey RH6 7BN; (GB)
                              02/961128 British Telecommunications public
                              limited company; 81 Newgate street; GB-LONDON
                              EC1A 7AJ; (GB)
                              (Representative:)Hibbert, Juliet Jane Grace; BT
                              Group Legal Services, Intellectual Property
                              Department, 8th Floor, Holborn Centre, 120
                              Holborn; London EC1N 2TE; (GB)
 *Oppn:              990602 B1 Opposition (change) 02/961128 British
                              Telecommunications public limited company; 81
                              Newgate street; GB-LONDON EC1A 7AJ; (GB)
                              (Representative:)Evershed, Michael; BT Group
                              Legal Services, Intellectual Property
                              Department, 8th Floor, Holborn Centre, 120
                              Holborn; London EC1N 2TE; (GB)
```

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPAB96	1529
CLAIMS B	(German)	EPAB96	1144
CLAIMS B	(French)	EPAB96	1862
SPEC B	(English)	EPAB96	6278
Total word count - document A			0
Total word count - document B			10813
Total word count - documents A + B			10813

...CLAIMS at any one time; and by the step of
    storing information denoting which of said **single - viewer** video
    program sources, if any, are currently coupled to any of said **video**
    monitors and thus **not** currently **available** .
  10. The method of Claim 8, wherein a plurality of distinct groups of
    said video...

 38/5,K/8   (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00535073   **Image available**
DATA MANAGEMENT SYSTEM
SYSTEME DE GESTION DE DONNEES
Patent Applicant/Assignee:
  ATEX MEDIA SOLUTIONS INC,
  LITVAK Jeffrey,
  BERKE Steven R,
  CAMERON Kirk,
Inventor(s):
  LITVAK Jeffrey,
  BERKE Steven R,
  CAMERON Kirk,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9966425 A1 **19991223**
  Application: WO 99US13633 19990618   (PCT/WO US9913633)
  Priority Application: US 9889867 19980619
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE
  GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK
  MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN
  YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE
  CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN
  GW ML MR NE SN TD TG
Main International Patent Class: G06F-017/21
International Patent Class: G06F-017/60
Publication Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 26500

English Abstract
  A data management system is provided in which a publishable story is
  comprised of one or more content items and one or more insertions. For
  publication, each insertion includes data fields which, among other

things, direct at least one content item to a specified output
destination. The output destination may include print, broadcast,
Internet or other medium, and may be further broken down by publication,
publication zone, publication date and/or publication edition. The
insertions and content of a particular story are logically associated on
the database, to permit users to track or edit the story, insertions or
content while viewing and/or editing any or all associated insertions and
content of a story. In one embodiment, content may be linked across
insertions so that any change in the content will be updated to all
linked versions. In another embodiment, common pages are defined in which
insertions and content are to appear identically on a page across
multiple media, editions or zones, in which case, insertions subject to
common page rules are linked.

French Abstract
   L'invention concerne un systeme de gestion de donnees, dans lequel une
histoire publiable est constituee d'un ou plusieurs articles de contenu
et d'une ou plusieurs insertions. En vue d'une publication, chaque
insertion comprend des champs de donnees destines entre autre a orienter
au moins un article de contenu vers une destination de sortie definie.
Cette destination de sortie peut etre un support d'impression ou de
diffusion, l'Internet, ou tout autre support, et peut par ailleurs etre
decoupee selon la publication, la zone de publication, la date de
publication et/ou la preparation de la publication. Les insertions et le
contenu d'une histoire sont en outre logiquement associes sur la base de
donnees, afin de permettre aux utilisateurs de suivre ou de preparer
l'histoire, les insertions ou le contenu, tout en visualisant et/ou en
preparant une partie ou la totalite des insertions et du contenu d'une
histoire. Dans un mode de realisation, le contenu peut etre relie
par-dessus des insertions, de sorte que toute modification de ce contenu
peut etre mise a jour dans toutes les versions reliees. Dans un autre
mode de realisation, on definit les pages communes renfermant des
insertions et un contenu qui doivent apparaitre de maniere identique sur
une page par-dessus plusieurs supports, preparations, ou zones, auquel
cas les insertions soumises a des regles communes sont reliees.

Patent and Priority Information (Country, Number, Date):
   Patent: ... **19991223**
Fulltext Availability:
   Detailed Description
Publication Year: **1999**

Detailed Description
...   reside in queues. The Queue field may be modified by the user who has
   the **content** of a component **locked** , or via the user interface by an
   authorized user without first **locking** the **content** . It will not be
   possible for **one   user** to modify the Queue field of a component if the
    content is **locked** by another user (or by the same user at a different
   workstation). The Queue field...

 38/5,K/9   (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00473000   **Image available**
ARBITRATING CONCURRENT ACCESS TO FILE SYSTEM OBJECTS
ACCES CONCURRENT D'ARBITRAGE A DES OBJETS DU SYSTEME DE FICHIERS
Patent Applicant/Assignee:
   APPLE COMPUTER INC,

English Abstract
    A locking scheme is provided to arbitrate thread access to file system
  objects. This locking scheme allows multiple threads simultaneous access
  to file system objects for certain concurrently compatible operations
  while forbidding concurrently incompatible operations. Separate types of
  locks are provided for hierarchical relationships between objects and the
  contents (e.g. data) of the objects themselves (see the figure).

French Abstract
    L'invention concerne un schema de verrouillage destine a arbitrer un
  acces d'unite d'execution a des objets du systeme de fichiers. Ce schema
  de verrouillage permet un acces simultane de plusieurs unites d'execution
  a des objets du systeme de fichiers pour certaines operations compatibles
  de maniere concurrente tout en empechant les operations incompatibles de
  maniere concurrente. Des types differents de verrous permettent d'etablir
  des relations hierarchiques entre des objets et le contenu (par exemple
  des donnees) des objets eux-memes (voir le dessin).

Claim
... of:
  creating locks associated with file system object accesses by threads
  associated with at least **one** of **user** manipulation of file system
 ·objects and
  application manipulation of file system objects; and
  arbitrating concurrent access to said file system **objects** using said
   locks . - 23
 ?

DIALOG(R)File 348:EUROPEAN PATENTS
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00666355
STORAGE MANAGER FOR COMPUTER SYSTEM AND METHOD THEREFOR
SPEICHERVERWALTER FUR EIN RECHNERSYSTEM UND VERFAHREN HIERFUR
UNITE DE GESTION DE MEMOIRE DESTINEE A UN SYSTEME INFORMATIQUE ET METHODE
    CORRESPONDANTE
PATENT ASSIGNEE:
  APPLE COMPUTER, INC., (1211950), 20525 Mariani Avenue, Cupertino,
    California 95014, (US), (applicant designated states: DE;FR;GB;IT)
INVENTOR:
  LO, Shui, Wing, 831 Poplar Avenue, Sunnyvale, CA 94086, (US)
  AUSTIN, David, J., 1865 Greenwich Street, San Francisco, CA 94123, (US)
  CELIK, Tantek, I., 10604 Ainsworth Drive, Los Altos, CA 94024, (US)
  SZYMANSKI, Steven, J. Apartment D, 20060 Rodrigues Avenue, Cupertino, CA
    95014, (US)
  HARRIS, Jed, 978 Cragmont Avenue, Berkeley, CA 94708, (US)
LEGAL REPRESENTATIVE:
  Tomlinson, Kerry John (36771), Frank B. Dehn & Co., European Patent
    Attorneys, 179 Queen Victoria Street, London EC4V 4EL, (GB)
PATENT (CC, No, Kind, Date): EP 698243 A1 960228 (Basic)
                              EP 698243 B1 990728
                              WO 9427232 941124
APPLICATION (CC, No, Date):   EP 94916764 940512; WO 94US5346 940512
PRIORITY (CC, No, Date): US 60809 930512
DESIGNATED STATES: DE; FR; GB; IT
INTERNATIONAL PATENT CLASS: G06F-017/30;
NOTE:
  No A-document published by EPO
LEGAL STATUS (Type, Pub Date, Kind, Text):
 Oppn None: 000712 B1 No opposition filed: 20000429
 Application: 950222 A International application (Art. 158(1))
 Application: 960228 A1 Published application (A1with Search Report
                      ;A2without Search Report)
 Examination: 960228 A1 Date of filing of request for examination:
                      951212
 Examination: 960522 A1 Date of despatch of first examination report:
                      960411
 Change: 980909 A1 International patent classification (change)
 Change: 980909 A1 Title of invention (German) (change)
 Change: 980909 A1 Title of invention (English) (change)
 Change: 980909 A1 Title of invention (French) (change)
 Change: 980923 A1 International patent classification (change)
 Change: 980923 A1 Title of invention (German) (change)
 Change: 980923 A1 Title of invention (English) (change)
 Change: 980923 A1 Title of invention (French) (change)
 Grant: 990728 B1 Granted patent
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text   Language   Update   Word Count
      CLAIMS B (English)   9930   3818
      CLAIMS B (German)   9930   3279
      CLAIMS B (French)   9930   4446
      SPEC B   (English)   9930   28834
Total word count - document A   0
Total word count - document B   40377
Total word count - documents A + B   40377

...SPECIFICATION level or, in sophisticated database programs for example, at a record level. That is, for **file** level **locking** , only **one** **user** may have the file open at a time for writing. This is the typical manner ...

00876870   **Image available**
STRATEGIC MARKETING PLANNING PROCESSES, MARKETING EFFECTIVENESS TOOLS AND
    SYSTEMS, AND MARKETING INVESTMENT MANAGEMENT
PROCEDES DE PLANIFICATION STRATEGIQUE DE MARKETING, OUTILS ET SYSTEMES
    EFFICACES DE MARKETING, ET GESTION D'INVESTISSEMENTS MARKETING
Patent Applicant/Assignee:
  ZYMAN MARKETING GROUP INC, 2695 Buford Highway, NE, Suite 200, Atlanta,
    GA 30324-3239, US, US (Residence), US (Nationality), (For all
    designated states except: US)
Patent Applicant/Inventor:
  ZYMAN Sergio, 3934 The Highlands, Atlanta, GA 30327, US, US (Residence),
    US (Nationality), (Designated only for: US)
  PHILLIPS Jim, 710 Brookline Trace, Alpharetta, GA 30022, US, US
    (Residence), US (Nationality), (Designated only for: US)
  MALONE Chris, 5344 WynterHall Drive, Dunwoody, GA 30338, US, US
    (Residence), US (Nationality), (Designated only for: US)
  HOWARD Jerry, 1665 Rodge Haven Run, Alpharetta, GA 30022, US, US
    (Residence), US (Nationality), (Designated only for: US)
  O'NEILL Chris, 4405 Northside Parkway, NW, Apt. 2403, Atlanta, GA
    30327-5206, US, US (Residence), US (Nationality), (Designated only for:
    US)
  MOORE Lara, 4122 Daniel Green Trail, Smyrna, GA 30080, US, US (Residence)
    , US (Nationality), (Designated only for: US)
  SINGLETON Dave, 3892 Windrose Lane, Marietta, GA 30062, US, US
    (Residence), US (Nationality), (Designated only for: US)
  ENGELS Scott, 2158 Cumberland Parkway, Apt. 10403, Atlanta, GA 30339, US,
    US (Residence), US (Nationality), (Designated only for: US)
  KESKINER Aydin, 490 Marietta Street, Apt. 201, Atlanta, GA 30313, US, US
    (Residence), US (Nationality), (Designated only for: US)
  SINCLAIR Michael, 2392 Hurst Drive, NE, Atlanta, GA 30305, US, US
    (Residence), US (Nationality), (Designated only for: US)
  KLEIN Tom, 575 Hardondorf Avenue, Atlanta, GA 30307, US, US (Residence),
    US (Nationality), (Designated only for: US)
Legal Representative:
  SUTCLIFFE Geoff (et al) (agent), Kilpatrick Stockton, LLP, Suite 2800,
    1100 Peachtree Street, Atlanta, GA 30309, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200211037 A1 20020207 (WO 0211037)
  Application: WO 2001US23982 20010731 (PCT/WO US0123982)
  Priority Application: US 2000222375 20000731; US 2000257426 20001221; US
    2001266963 20010206; US 2001280045 20010330; US 2001287714 20010501
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
  EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
  LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL
  TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: G06F-017/60
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description

Claims
Fulltext Word Count: 13490

English Abstract
Planning tools (10) guide marketing professionals (5) through steps of
performing a situation assessment, identifying opportunities, developing
growth strategies, developing growth tactics, and developing
measurements. The planning tools provide disciplined processes in a
question and answer format. The tools are personalized to the answers
given by marketing professionals and new tools or modified tools can be
easily implemented. These tools can be provided in a stand-alone manner,
as part of a network, and as part of a collaborative environment. The
planning tools preferably form part of an entire marketing investment
manager which includes a marketing management solution, digital asset
management, and hooks to existing systems, such as customer relationship
management, finance, manufacturing, and information technology (30). The
marketing management solution adopts best practices and includes
collaboration, project management, campaign management, and analytics,
and measurement units.

French Abstract
L'invention concerne des outils de planification (10) destines a guider
des professionnels du marketing (5) a travers les etapes d'evaluation
d'une situation, d'identification d'opportunites, de mise au point de
strategies de croissance, de mise au point de tactiques de croissance et
de mesures de developpement. Ces outils de planification constituent des
processus methodiques, sous format de questions et reponses, et ils
repondent de maniere personnalisee aux questions formulees par des
professionnels du marketing, des outils nouveaux ou modifies pouvant etre
facilement mis en oeuvre. Ces outils peuvent etre fournis de maniere
autonome, en tant que partie d'un reseau, ou en tant que partie d'un
environnement concerte, et ils font preferablement partie d'un
gestionnaire complet d'investissement marketing, lequel comprend une
solution de gestion marketing et une gestion numerique d'actifs et se
raccroche a des systemes existants, tels que la gestion des relations
clients, la finance, la fabrication, et la technologie d'information
(30). Cette solution de gestion marketing adopte les meilleures pratiques
et comprend la collaboration, la gestion de projets et de campagnes,
ainsi que l'analytique, et des unites de mesure.

Legal Status (Type, Date, Text)
Publication   20020207 A1 With international search report.
Publication   20020207 A1 Before the expiration of the time limit for
                           amending the claims and to be republished in the
                           event of the receipt of amendments.
Examination   20021031 Request for preliminary examination prior to end of
                        19th month from priority date

Fulltext Availability:
  Detailed Description

Detailed Description
... file, go to the last screen edited, and begin permissions. According
  to one aspect, only **one   user** at a time can have access to a
  particular **file** and a **lock** icon shows the **lock** status of a **file** .
  When a file is in use by another user, the look icon next to that...

40/5,K/13   (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00863351   **Image available**
DISTRIBUTED, COLLABORATIVE WORKFLOW MANAGEMENT SOFTWARE
LOGICIEL DE GESTION DE FLUX DES TRAVAUX DISTRIBUE, COLLABORATIF
Patent Applicant/Assignee:
  ETEAM COM INC, Suite 300, 7301 Topanga Canyon Blvd., Canoga Park, CA
    91303, US, US (Residence), US (Nationality), (For all designated states
    except: US)
Patent Applicant/Inventor:
  MCDONOUGH James G, 7301 Topanga Canyon Blvd., Suite 300, Canoga Park, CA
    91303, US, US (Residence), US (Nationality)
  TORCHON Robert H, 7301 Topanga Canyon Blvd., Suite 300, Canoga Park, CA
    91303, US, US (Residence), US (Nationality), (Designated only for: US)
  SAVAGE Matt, 7301 Topanga Canyon Blvd., Suite 300, Canoga Park, CA 91303,
    US, US (Residence), US (Nationality), (Designated only for: US)
  CROOKS William H, 7301 Topanga Canyon Blvd., Suite 300, Canoga Park, CA
    91303, US, US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
  RAHN LeRoy T (agent), Christie, Parker & Hale, P.O. Box 7068, Pasadena,
    CA 91109-7068, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200196906 A1 20011220 (WO 0196906)
  Application: WO 2001US19532 20010618 (PCT/WO US0119532)
  Priority Application: US 2000211915 20000616; US 2000228051 20000825; US
    2001271528 20010226; US 2001271531 20010226; US 2001271532 20010226
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
  EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
  LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ
  TM TR TT TZ UA UG US UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: G01V-001/40
International Patent Class: G01B-007/14; H04Q-007/22
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 16877

English Abstract
  A system(11) architecture, and method for creating, storing, managing,
  accessing, communicating and displaying command, control and management
  information, to include text documents, tables, static map data and
  geographically reference dynamic data for the management of incidents or
  events by distributed, ad-hoc groups are described herein. The static map
  data may include, for example, cartographic data in digital format such
  as terrain data or street data. The dynamic data may include text,
  documents, tables, icons, and other symbology that graphically represent
  current status information (e.g., the current location of an incident, a
  resource, or the status of a facility). The system (11) includes one or
  more client subsystems (16, 17, 18, 19) running purpose-built and/or
  conventional software applications that communicate with a server
  subsystem (11) and can independently request, receive, store, and
  subsequently display the static map data and/or the dynamic data in
  document, tabular or graphical form. The display might include

representing the dynamic data in graphical form either separately as
tables and reports, or as an overlay on the static map data.

French Abstract
  L'invention porte sur un systeme (11), une architecture, et sur un
  procede de creation, stockage, gestion, acces, communication et affichage
  d'informations de commande, controle et gestion visant a inclure des
  textes, des documents, des tableaux, des donnees cartographiques
  statiques et des donnees dynamiques de references geographiques pour la
  gestion d'incidents ou d'evenements par des groupes ponctuels,
  distribues. Les donnees cartographiques statiques peuvent inclure, par
  exemple, des donnees cartographiques sous format numerique telles que des
  donnees de terrain ou de rue. Les donnees dynamiques peuvent comprendre
  des textes, des documents, des tableaux, des icones et autre symbologie
  qui representent graphiquement des informations d'etat courantes (par
  ex., endroit courant d'un incident, d'une ressource ou l'etat d'un
  equipement). Le systeme (11) comprend un ou plusieurs sous-systemes
  clients (16, 17, 18, 19) executant des applications logicielles
  specialisees et/ou classiques qui communiquent avec un sous-systeme
  serveur (11) et peuvent independamment demander, recevoir, stocker et
  ensuite afficher les donnees cartographiques statiques et/ou les donnees
  dynamiques sous forme de document, de tableau ou de graphique.
  L'affichage peut eventuellement representer les donnees dynamiques sous
  forme graphique soit separement, sous forme de tableaux et d'etats, soit
  sous forme d'un segment de recouvrement sur les donnees cartographiques
  statiques.
Legal Status (Type, Date, Text)
Publication 20011220 A1 With international search report.
Examination   20021121 Request for preliminary examination prior to end of
                       19th month from priority date

Fulltext Availability:
  Detailed Description

Detailed Description
... narne and incident number are used, respect'ively, as the lock's key.
  Together, the **document   lock** key pair act to ensure that only a
  single   user may edit the **locked   document** at any given time.

  Figure 10 is an overview of one possible embodiment of the **document
  locking** process. A user first takes an action in step 13 0 that
  initiates the document...

 40/5,K/14   (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00774558   **Image available**
**COMPUTER SOFTWARE FOR ISSUING ONE-TIME COMBINATIONS TO ELECTRONIC LOCKS
    WITH LOCK GROUP CONTROL**
**LOGICIEL INFORMATIQUE PERMETTANT DE PRODUIRE DES COMBINAISONS UTILISEES UNE
    SEULE FOIS POUR DES VERROUILLAGES ELECTRONIQUES A COMMANDE DE GROUPES
    DE VERROUILLAGE**
Patent Applicant/Assignee:
  MAS-HAMILTON GROUP INC, 805-D Newtown Circle, Lexington, KY 40511, US, US
    (Residence), US (Nationality)
Inventor(s):
  REED Tim, 325 Chamberlain Drive, Lexington, KY 40517, US
  DAWSON Gerald, 4942 Pelican Drive, New Port Richey, FL 34652, US

EDWARDS Robert L, 1930 Natchez Trail, Lexington, KY 40504, US
Legal Representative:
   HILL Rustan J, Arent Fox Kintner Plotkin & Kahn, PLLC, 1050 Connecticut
      Avenue, NW, Washington, DC 20036-5339, US

English Abstract
   A computer program or a system designed to allow an authorized operator,
   typically a supervisor, to control which lock or group of locks that a
   particular individual or individuals are permitted to open. Typically,
   this lock control enables heigher levels of security and control over the
   access to locks and/or issuance of combinations for electronic locks.

French Abstract
   L'invention concerne un programme ou un systeme informatique permettant a
   un operateur autorise, typiquement un superviseur, de commander le
   verrouillage ou le groupe de verrouillages qu'au moins un individu est
   autorise a ouvrir. Cette commande de verrouillage permet d'obtenir,
   typiquement, des niveaux de securite plus eleves, et permet de commander
   l'acces aux verrouillages et/ou aux combinaisons des verrouillages
   electroniques.

Fulltext Availability:
   Detailed Description
Detailed Description
... also check to see if the lock file is busy in decision block 1254.

   The **lock   file** is busy if another operator in the network is using the
   lock   file and to prevent corruption only **one   user** at a time may
   access a particular **lock   file** .

   If a particular **lock   file** is busy, a **lock   file** busy message may
   be set up in block

1256 with the program logic thereafter continuing...

 40/5,K/16   **(Item 9 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
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00747896
MULTISERVER FOR PROVIDING INTEGRATED COMPUTER SERVICES
MULTISERVEUR FOURNISSANT DES SERVICES INFORMATIQUES INTEGRES
Patent Applicant/Assignee:
  NTK COM CORPORATION, Suite 207, 5710 Timberlea Boulevard, Mississauga,
    Ontario L4W 4W1, CA, CA (Residence), CA (Nationality), (For all
    designated states except: US)
Patent Applicant/Inventor:
  DICK Andrew, 11 Sherwood Forest Drive, Markham, Ontario L3P 1P5, CA, CA
    (Residence), CA (Nationality), (Designated only for: US)
  BAULCH Jeff, 52 Spragg Circle, Markham, Ontario L3P 5W2, CA, CA
    (Residence), CA (Nationality), (Designated only for: US)
  KIRCHKNOPF John, 525 Meadows Boulevard, Unit No. 35, Mississauga, Ontario
    L4Z 1H2, CA, CA (Residence), CA (Nationality), (Designated only for: US
)
  BONI Brian, 558 Scarlette Road, Toronto, Ontario M0P 2S2, CA, CA
    (Residence), CA (Nationality), (Designated only for: US)
Legal Representative:
  BERESKIN & PARR, 40th floor, 40 King Street West, Toronto, Ontario M5H
    3Y2, CA
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200060451 A2 20001012 (WO 0060451)
  Application: WO 2000CA348 20000331 (PCT/WO CA0000348)
  Priority Application: US 99127609 19990401
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES
  FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU
  LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT
  TZ UA UG US UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: G06F-009/00
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 32205
English Abstract

  A multiserver for providing file sharing service, print services, fax
  services and internet hosting services is disclosed. The various services
  are implemented using publicly available software packages, the
  configuration of which has been integrated by means of a unified
  configuration management interface. The configuration management
  interface automatically configures the underlying packages in response to
  information entered by an administrator. The underlying software packages
  may be changed without changing the appearance of the configuration
  management interface, allowing the system to be upgraded without
  requiring the administrator to learn how to configure the new packages.

French Abstract
   L'invention concerne un multiserveur pouvant fournir des services de
   partage de fichiers, des services d'impression, des services de telecopie
   et des services d'hebergement de contenu sur Internet. Ces differents
   services sont fournis au moyen de progiciels accessibles au public, dont
   la configuration est integree par une interface unifiee de gestion de la
   configuration. Cette interface de gestion de la configuration configure
   automatiquement les progiciels sous-jacents en reponse a une information
   entree par un administrateur. Les progiciels sous-jacents peuvent etre
   changes sans que la presentation de l'interface de gestion de la
   configuration en soit modifiee, ce qui permet a l'administrateur de faire
   evoluer le systeme sans devoir apprendre a configurer les nouveaux
   progiciels.

Legal Status (Type, Date, Text)
Publication   20001012 A2 Without international search report and to be
                        republished upon receipt of that report.
Examination   20001214 Request for preliminary examination prior to end of
                        19th month from priority date
Search Rpt   20010222 Late publication of international search report

Fulltext Availability:
   Detailed Description

Detailed Description
... that the contents of the CD-ROM are compatible with Windows
   workstation.

   Second, more than **one** LAN **user** is able to simultaneously access the
   CD-ROM.

   A well-known aspect of unix based file systems is that a **file** is not
   locked simply because **one**   **user** is accessing the file. It is inherent
   in unix that a copy of a file...

 40/5,K/18   **(Item 11 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
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00300850   **Image available**
UPDATE MECHANISM FOR COMPUTER STORAGE CONTAINER MANAGER
MOYEN DE MISE A JOUR POUR MODULE DE GESTION D'ELEMENTS DE STOCKAGE
      D'ORDINATEURS
Patent Applicant/Assignee:
   APPLE COMPUTER INC,
Inventor(s):
   HARRIS Jared M,
   RUBEN Ira L,
Patent and Priority Information (Country, Number, Date):
   Patent: WO 9519001 A1 19950713
   Application: WO 95US196 19950104   (PCT/WO US9500196)
   Priority Application: US 94177853 19940105
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
   AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU JP KE KG KP KR
   KZ LK LR LT LU LV MD MG MN MW MX NL NO NZ PL PT RO RU SD SE SI SK TJ TT
   UA UZ VN KE MW SD SZ AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF
   BJ CF CG CI CM GA GN ML MR NE SN TD TG
Main International Patent Class: G06F-009/44

Publication Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 119635

English Abstract
  Methods and data structures are defined which permit information to be
  stored as objects in target containers and update containers. A target
  container defines a first state of the information, and the update
  container, which can point to the target container, identifies changes to
  the information in the first state which would be sufficient to update
  the first information state to a second information state. Update
  containers may be nested to any depth. When an application program opens
  an update container, the procedure searches down the chain until it finds
  the ultimate target container. It then creates in-memory structures for
  providing access to the objects and value data represented in such
  container. The procedure then works its way back up the chain, performing
  the changes on the in-memory structure, which are called for in each of
  the update containers.

French Abstract
  L'invention se rapporte a des structures de donnees et a des procedes
  permettant de stocker des informations sous forme d'objets dans des
  elements de stockage cibles et dans des elements de stockage de mise a
  jour. Un element de stockage cible definit un premier etat relatif aux
  informations, et l'element de stockage de mise a jour, qui peut
  identifier l'element de stockage cible, identifie des modifications des
  informations presentant le premier etat, qui devraient permettre la mise
  a jour dudit premier etat en un second etat. Les elements de stockage de
  mise a jour peuvent s'emboiter indefiniment. Lorsqu'un programme
  d'application ouvre un element de stockage de mise a jour, la procedure
  appliquee consiste a effectuer une recherche le long de la chaine jusqu'a
  ce que l'element de stockage cible au bout de la chaine soit identifie.
  Des structures en memoire sont alors creees afin de permettre l'acces aux
  objets et aux donnees de valeur representes dans un tel element de
  stockage. La procedure consiste alors a remonter la chaine, et a
  effectuer, dans la structure en memoire, les modifications requises dans
  chacun des elements de stockage de mise a jour.

Fulltext Availability:
  Detailed Description

Detailed Description
...   level or, in
  sophisticated database programs for example, at a
  record level, That is, for **file** .level **locking** , only
   one   user may have the file open at a time for writing.

  This is the typical manner...

 40/5,K/19   (Item 12 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00171378
OBJECT-ORIENTED, LOGIC, AND DATABASE PROGRAMMING TOOL
OUTIL DE PROGRAMMATION D'EXECUTION, LOGIQUE ET D'UNE BASE DE DONNEES
Patent Applicant/Assignee:
  EASTMAN KODAK COMPANY,

Inventor(s):
  MELLENDER Fredric H,
  STRAW Andrew G,
  RIEGEL Stephen E,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9004829 A2 19900503
  Application: WO 89US4687 19891023   (PCT/WO US8904687)
  Priority Application: US 88791 19881024
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AT BE CH DE FR GB IT JP LU NL SE
Main International Patent Class: G06F-009/44
International Patent Class: G06F-15:40
Publication Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 40470

English Abstract
   A programming tool is provided which integrates an object-oriented
   programming language system, a logic programming language system, and a
   database in such a manner that logic terms can be treated as objects in
   the object-oriented programming language system, objects can be treated
   as logic terms in the logic programming language system, and logic terms
   and objects are stored in the database in a common data structure format.
   Automatic management of the database is provided which is transparent to
   the user.

French Abstract
   L'outil de programmation integre un systeme de langage de programmation
   d'execution, un systeme de langage de programmation logique et une base
   de donnees, de maniere que les termes logiques puissent etre traites en
   tant qu'objets dans le systeme de langage de programmation d'execution,
   que les objets puissent etre traites en tant que termes logiques dans le
   systeme de langage de programmation logique, et que les termes logiques
   et les objets soient stockes dans la base de donnees dans un format de
   structure de donnees commun. La gestion automatique de la base de donnees
   est transparente pour l'utilisateur.

Fulltext Availability:
  Detailed Description

Detailed Description
... first call to the access routines will open the Unix files, and put a
  (UNDQ lock on the files , to assure 5 single user access. The lock
  check can be overridden for read-only access (as in the database...

DIALOG(R)File 348:EUROPEAN PATENTS
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00551414
User selectable lock regions cross-referenced to related applications.
Cross-Reference zu verwandten Anwendungen fur vom Benutzer auswahlbaren
Verriegelungsgebiete.
Reference croisee a des applications interreliees pour des regions de
verrouillage pouvant etre selectionnees par l'utilisateur.
PATENT ASSIGNEE:
  International Business Machines Corporation, (200120), Old Orchard Road,
    Armonk, N.Y. 10504, (US), (applicant designated states:
    BE;CH;DE;FR;GB;IT;LI;NL;SE)
INVENTOR:
  Bates, Cary L., 3032 Knoll Lane, Rochester, MN 55901, (US)
  Ryan, Jeffrey M., 6 Second Street N.W., Byron, MN 55920, (US)
LEGAL REPRESENTATIVE:
  Combeau, Jacques (14861), Compagnie IBM France Departement de Propriete
    Intellectuelle, F-06610 La Gaude, (FR)
PATENT (CC, No, Kind, Date):   EP 550374   A2   930707 (Basic)
                               EP 550374   A3   930818
APPLICATION (CC, No, Date):   EP 92480188 921210;
PRIORITY (CC, No, Date): US 816459 911231
DESIGNATED STATES: BE; CH; DE; FR; GB; IT; LI; NL; SE
INTERNATIONAL PATENT CLASS: G06F-009/46; G06F-015/21; G06F-003/023;
CITED REFERENCES (EP A):
  COMMUNICATIONS OF THE ASSOCIATION FOR COMPUTING MACHINERY. vol. 34, no.
    1, January 1991, NEW YORK US pages 38 - 58 , XP207752 C.Y. ELLIS ET AL.
    'GroupWare, some issues and experiences'
  ACM TRANSACTIONS ON OFFICE INFORMATION SYSTEMS vol. 5, no. 2, April 1987,
    NEW YORK, USA pages 147 - 167 M. STEFIK ET AL. 'WYSIWIS revised: early
    experiences with multiuser interfaces'
  PROC. 3RD INT. CONF. ON DATA ENGINEERING 1987, IEEE WASHINGTON, DC, USA
    pages 226 - 234 ARAL EGE ET AL. 'design and implementation of GORDION,
    an object base management system';

ABSTRACT EP 550374 A2
    The invention relates to the selective protection of blocks of text
    (118, 122, 128) or other portions (123, 125, 126, 127) of a shared data
    object in collaborative computer based system from simultaneous
    manipulation by two or more users. The collaborative computer based
    system includes a network connecting a plurality of terminals for
    communication. Each terminal includes an output display device and a user
    input device. The collaborative computer based system includes a shared
    data object (117) simultaneously accessible by a plurality of users of
    the system. Responsive to a user obtaining access to the shared data
    object, the user is assigned a cursor (138) available for display on the
    visual display devices of all current users. A user may attempt to
    protect portions of the shared data object with a lock region (136) by
    selecting position coordinates for such a lock region. If the position
    coordinates do not include any portion of any previously established lock
    region, a lock region is established, blocking manipulation of the
    portion of the shared data object so covered against changes associated
    with cursors other than that of the establishing user. Exercise of
    appropriate commands release any prior lock region associated with the
    user. (see image in original document)
ABSTRACT WORD COUNT: 207

LEGAL STATUS (Type, Pub Date, Kind, Text):

```
Application:        930707 A2 Published application (A1with Search Report
                              ;A2without Search Report)
Search Report:      930818 A3 Separate publication of the European or
                              International search report
Change:             930818 A2 Obligatory supplementary classification
                              (change)
Examination:        931222 A2 Date of filing of request for examination:
                              931021
Examination:        971029 A2 Date of despatch of first examination report:
                              970917
Refusal:            990210 A2 Date on which the European patent application
                              was refused: 980926
```

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

```
Available Text  Language   Update     Word Count
     CLAIMS A   (English)  EPABF1        705
     SPEC A     (English)  EPABF1      10375
Total word count - document A          11080
Total word count - document B              0
Total word count - documents A + B     11080
```

...CLAIMS user input devices.
  7. A multi-media collaborative computer based system for protecting user
      selected **lock** regions in a shared data **object** from manipulation
      originating from more than **one**   **user** as set forth in Claim 5,
      further comprising:
              means for changing a visual attribute of...

...the lock region.
  8. A multi-media collaborative computer based system for protecting user
      selected **lock** regions in a shared data **object** from manipulation
      originating from more than **one**   **user** as set forth in Claim 6,
      further comprising:
              first means for determining whether a current...

2/5,K/2
DIALOG(R)File 348:EUROPEAN PATENTS
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00300111
A file sharing system having locking protocol.
System zur gemeinsamen Dateibenutzung mit Verriegelungsprotokoll.
Systeme d'utilisation collective de fichiers ayant un protocole de
    verrouillage.
PATENT ASSIGNEE:
   International Business Machines Corporation, (200120), Old Orchard Road,
      Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB;IT)
INVENTOR:
   Catino, Robert Joseph, 156 Helen Street, Binghamton New York 13905, (US)
   Chan, Tom Ka-Moon, 40 Wickstead Way, Thornhill Ontario L3T5E4, (CA)
LEGAL REPRESENTATIVE:
   Jost, Ottokarl, Dipl.-Ing. (6092), IBM Deutschland Informationssysteme
      GmbH, Patentwesen und Urheberrecht, D-70548 Stuttgart, (DE)
PATENT (CC, No, Kind, Date): EP 312866 A2 890426 (Basic)
                              EP 312866 A3 900613
APPLICATION (CC, No, Date):   EP 88116741 881010;
PRIORITY (CC, No, Date): US 110362 871019
DESIGNATED STATES: DE; FR; GB; IT
INTERNATIONAL PATENT CLASS: G06F-009/46; G06F-012/14;

CITED PATENTS (EP A): EP 10190 A; EP 94841 A; US 4104718 A
CITED REFERENCES (EP A):
  COMPUTER DESIGN
  idem
  PROCEEDINGS OF THE 1st INTERNATIONAL CONFERENCE ON COMPUTER WORKSTATIONS;

ABSTRACT EP 312866 A2
    A multi-user system for managing a database, and comprising a file
access processor (12) and a plurality of application support processors
(14). The file access processor (12) is provided to access the database
(16), and the support processors (14) are connected to the file access
processor (12) to read and update data objects in the database (16). The
file access processor (12) includes a locking system to lock data objects
for selected support processors (14) to limit access to locked data
objects by the other support processors (14). This locking system
includes an implicit locking subsystem to place implicit locks on data
objects automatically in response to receiving processing requests from
the support processors (14), and an explicit locking subsystem to place
explicit locks on data objects in response to receiving explicit locking
requests from the support processors (14). The explicit locks are
integrated into the locking scheme in a manner minimizing lock conflicts.

ABSTRACT WORD COUNT: 158

LEGAL STATUS (Type, Pub Date, Kind, Text):
 Application: 890426 A2 Published application (A1with Search Report
                             ;A2without Search Report)
 Examination: 891004 A2 Date of filing of request for examination:
                             890809
 Search Report: 900613 A3 Separate publication of the European or
                             International search report
 Examination: 930127 A2 Date of despatch of first examination report:
                             921210
 Change: 930331 A2 Representative (change)
 Change: 930512 A2 Representative (change)
 Change: 940817 A2 Representative (change)
 Lapse: 951011 B1 Date of lapse of the European patent in a
                             Contracting State: FR 950602
 Oppn None: 951227 B1 No opposition filed
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text   Language   Update   Word Count
     CLAIMS A   (English)   EPBBF2   1408
     CLAIMS B   (English)   EPBBF2   623
     CLAIMS B   (German)   EPBBF2   577
     CLAIMS B   (French)   EPBBF2   709
     SPEC A   (English)   EPBBF2   5050
     SPEC B   (English)   EPBBF2   5049
Total word count - document A   6458
Total word count - document B   6958
Total word count - documents A + B   13416

...SPECIFICATION Also, the explicit share mode is compatible with the
   implicit share mode, which means that **one** **user** may be able to **lock**
   a given data **object** in the implicit share mode even though that same
   data object is currently locked in...

...SPECIFICATION Also, the explicit share mode is compatible with the
   implicit share mode, which means that **one** **user** may be able to **lock**
   a given data **object** in the implicit share mode even though that same
   data object is currently locked in...

File 347:JAPIO Nov 1976-2005/Feb(Updated 050606)
        (c) 2005 JPO & JAPIO
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200538
        (c) 2005 Thomson Derwent
File 348:EUROPEAN PATENTS 1978-2005/Jun W02
        (c) 2005 European Patent Office
File 349:PCT FULLTEXT 1979-2005/UB=20050616,UT=20050609
        (c) 2005 WIPO/Univentio
File 324:German Patents Fulltext 1967-200524
        (c) 2005 Univentio

Set   Items   Description
S1   85   AU=MEYERS S?
S2   12417   ACCESS?(3N)OBJECT? ?
S3   2   S1 AND S2

 3/9/1   (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014595335   **Image available**
WPI Acc No: 2002-416039/200244
XRPX Acc No: N02-327341
  **Digital information delivery method e.g. for music, involves creating
  registry for digital** object **and** access **device and transmitting
  digital information from digital** object **to** access **device**
Patent Assignee: NOKIA CORP (OYNO)
Inventor: **MEYERS S**
Number of Countries: 022 Number of Patents: 002
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
WO 200223311   A2   20020321 WO 2001FI795   A   20010912 200244   B
EP 1325398   A2   20030709 EP 2001967381   A   20010912 200345
                               WO 2001FI795   A   20010912

Priority Applications (No Type Date): US 2000662378 A 20000912
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
WO 200223311 A2 E   21 G06F-001/00
    Designated States (National): CN JP
    Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU
    MC NL PT SE TR
EP 1325398   A2 E   G06F-001/00   Based on patent WO 200223311
    Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI
    LU MC NL PT SE TR

Abstract (Basic): WO 200223311 A2
      NOVELTY - A digital object (180) containing the digital information
    and access device (120) receiving the digital object, are registered.
    The digital information is transmitted to the access device which is
    granted with permission to **access** the digital **object** and the
    access to any other access device is rejected.
      DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for
    digital information delivery system.
      USE - For delivery of digital multimedia information such as
    content, music, music video, electronic books, periodicals, computer or
    video games, technical journals, videos, movies, information in
    database, digital and MP3 files, DVD's of DVD player, CD in CD player,
    cassettes played in VTR, through internet, LAN, blue tooth, mobile
    terminal network, extranet or other networks.
      ADVANTAGE - With the rights to play a new song with a video, the

user may use the same rights for mobile personal music player, home
theater system, car stereo, etc., thus smaller and less expensive
physical objects can be used and manufacturing, delivery and security
costs are reduced.
      DESCRIPTION OF DRAWING(S) - The figure shows the digital
information distribution system.
      Access device (120)
      Digital object (180)
      pp; 21 DwgNo 1/1
Title Terms: DIGITAL; INFORMATION; DELIVER; METHOD; MUSIC; REGISTER;
  DIGITAL; OBJECT; ACCESS; DEVICE; TRANSMIT; DIGITAL; INFORMATION; DIGITAL;
  OBJECT; ACCESS; DEVICE
Derwent Class: T01
International Patent Class (Main): G06F-001/00
File Segment: EPI
Manual Codes (EPI/S-X): T01-N01D1A; T01-N01D1B

3/5/2   **(Item 1 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
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00889179   **Image available**
METHOD AND SYSTEM FOR MANAGING RIGHTS IN DIGITAL INFORMATION OVER A NETWORK
PROCEDE ET DISPOSITIF DE GESTION DE DROITS EN INFORMATION NUMERIQUE SUR UN
    RESEAU
Patent Applicant/Assignee:
  NOKIA CORPORATION, Keilalahdentie 4, FIN-02150 Espoo, FI, FI (Residence),
    FI (Nationality)
Inventor(s):
  MEYERS Stephan , 1441 Butler Ave, #13, Los Angeles, CA 90025, US
Legal Representative:
  JOHANSSON Folke (agent), Nokia Corporation, P.O. Box 206, FIN-00045 Nokia
    Group, FI,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200223311 A2-A3 20020321 (WO 0223311)
  Application: WO 2001FI795 20010912 (PCT/WO FI0100795)
  Priority Application: US 2000662378 20000912
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  CN JP
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
Main International Patent Class: G06F-001/00
International Patent Class: G11B-020/00
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 4896

English Abstract
  A method and system for distributing digital information is disclosed.
  Preferably, a user acquires a tangible object which contain a code
  authorizing access to the digital information. The user reads the
  tangible object through a reader, which sends the code to a server on
  which the digital information is stored. The server then authorizes
  access to the digital information to one or more access devices listed in
  registries belonging to the user. The user may use the digital
  information on the terms he agrees to, and, while in use by the user,
  access to the digital information to other users or other playback

devices is disabled. Once the user no longer is using the digital information, the access device erases the digital information, and signals the server that the digital information is no longer in use, thereby re-enabling access to the digital information by the other playback devices listed in the registry.

French Abstract

L'invention concerne un procede et un dispositif concus pour distribuer de l'information numerique. De preference, un utilisateur acquiert un objet tangible qui contient un code autorisant l'acces a l'information numerique. L'utilisateur lit l'objet tangible au moyen d'un lecteur, qui envoie le code a un serveur dans lequel l'information numerique est stockee. Le serveur autorise ensuite l'acces a l'information numerique a un ou plusieurs dispositifs d'acces repertories dans des bases de registre appartenant a l'utilisateur. L'utilisateur peut utiliser l'information numerique selon les conditions qu'il accepte, et, pendant qu'elle est utilisee par l'utilisateur, l'acces a l'information numerique est indisponible pour d'autres utilisateurs ou d'autres dispositifs de lecture. Une fois que l'utilisateur a termine d'utiliser l'information numerique, le dispositif d'acces efface l'information numerique, et signale au serveur que l'information numerique n'est plus utilisee, rendant ainsi a nouveau disponible l'acces a l'information numerique par les autres dispositifs de lecture repertories dans la base de registre.

Legal Status (Type, Date, Text)
Publication   20020321 A2 Without international search report and to be republished upon receipt of that report.
Examination   20020725 Request for preliminary examination prior to end of 19th month from priority date
Search Rpt   20020912 Late publication of international search report
Republication 20020912 A3 With international search report.
?